

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035780.D
 Acq On : 22 May 2023 13:29
 Operator : JC/MD
 Sample : VX0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2023
 Supervised By : Mahesh Dadoda 05/23/2023

Quant Time: May 23 06:10:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	197104	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	354427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185062	53.820	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.640%			
35) Dibromofluoromethane	5.385	113	125223	52.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.780%			
50) Toluene-d8	8.647	98	445586	50.462	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	181885	51.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	49950	19.445	ug/l	99
3) Chloromethane	1.295	50	53569	17.184	ug/l	99
4) Vinyl Chloride	1.374	62	48584	18.364	ug/l	98
5) Bromomethane	1.618	94	29721	20.743	ug/l	95
6) Chloroethane	1.691	64	28470	17.739	ug/l	97
7) Trichlorofluoromethane	1.886	101	72177	18.555	ug/l	96
8) Diethyl Ether	2.136	74	29103	19.431	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	42357	18.340	ug/l	98
10) Methyl Iodide	2.453	142	46930	22.720	ug/l	90
11) Tert butyl alcohol	3.026	59	58711	96.779	ug/l	# 87
12) 1,1-Dichloroethene	2.319	96	39792	18.128	ug/l	96
13) Acrolein	2.240	56	67390	93.594	ug/l	98
14) Allyl chloride	2.666	41	88304	18.778	ug/l	93
15) Acrylonitrile	3.069	53	145891	109.211	ug/l	99
16) Acetone	2.404	43	132343	89.549	ug/l	99
17) Carbon Disulfide	2.514	76	88930	16.787	ug/l	100
18) Methyl Acetate	2.709	43	124902	22.916	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	181596	20.790	ug/l	99
20) Methylene Chloride	2.788	84	55936	20.884	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47351	19.687	ug/l	98
22) Diisopropyl ether	3.758	45	192921	20.953	ug/l	99
23) Vinyl Acetate	3.721	43	686198	105.331	ug/l	96
24) 1,1-Dichloroethane	3.611	63	101032	20.518	ug/l	98
25) 2-Butanone	4.568	43	214632	104.911	ug/l	100
26) 2,2-Dichloropropane	4.471	77	78648	18.861	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	58162	20.116	ug/l	95
28) Bromochloromethane	4.898	49	52217	23.576	ug/l	94
29) Tetrahydrofuran	5.013	42	135149	105.102	ug/l	98
30) Chloroform	5.093	83	102887	20.390	ug/l	99
31) Cyclohexane	5.471	56	81472	18.754	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	84385	19.221	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71950	19.070	ug/l	97
37) Ethyl Acetate	4.715	43	83414	21.197	ug/l	99
38) Carbon Tetrachloride	5.678	117	66922	18.725	ug/l	97
39) Methylcyclohexane	7.379	83	81364	18.320	ug/l	90
40) Benzene	6.038	78	209372	19.837	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48752	20.865	ug/l	97
42) 1,2-Dichloroethane	6.086	62	94937	20.910	ug/l	97
43) Isopropyl Acetate	6.336	43	141982	20.690	ug/l	98
44) Trichloroethene	7.123	130	50616	18.913	ug/l	88
45) 1,2-Dichloropropane	7.428	63	56773	20.310	ug/l	98
46) Dibromomethane	7.580	93	40223	21.021	ug/l	93
47) Bromodichloromethane	7.818	83	73294	19.818	ug/l	98
48) Methyl methacrylate	7.690	41	69803	20.612	ug/l	95
49) 1,4-Dioxane	7.739	88	26060	359.694	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	436960	110.529	ug/l	97
52) Toluene	8.714	92	131729	19.771	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	79372	19.753	ug/l	97
54) cis-1,3-Dichloropropene	8.367	75	86228	20.029	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	55505	21.211	ug/l	99
56) Ethyl methacrylate	9.116	69	88601	20.908	ug/l	96
57) 1,3-Dichloropropane	9.305	76	98383	20.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	217032	100.673	ug/l	99
59) 2-Hexanone	9.427	43	323163	108.544	ug/l	96
60) Dibromochloromethane	9.519	129	50291	20.161	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55967	20.299	ug/l	98
64) Tetrachloroethene	9.275	164	41480	19.117	ug/l	94
65) Chlorobenzene	10.080	112	138859	19.737	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48738	19.592	ug/l	99
67) Ethyl Benzene	10.195	91	259485	19.611	ug/l	96
68) m/p-Xylenes	10.299	106	190841	39.020	ug/l	93
69) o-Xylene	10.640	106	94958	19.566	ug/l	94
70) Styrene	10.653	104	155401	19.868	ug/l	97
71) Bromoform	10.799	173	30345	18.540	ug/l #	99
73) Isopropylbenzene	10.964	105	249664	19.545	ug/l	98
74) N-amyl acetate	10.842	43	115957	19.469	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	84100	20.296	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72654m	19.594	ug/l	
77) Bromobenzene	11.195	156	56509	19.490	ug/l	91
78) n-propylbenzene	11.305	91	295839	19.702	ug/l	98
79) 2-Chlorotoluene	11.360	91	182142	19.374	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	212688	19.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20682	17.976	ug/l #	80
82) 4-Chlorotoluene	11.451	91	213150	19.687	ug/l	97
83) tert-Butylbenzene	11.713	119	200500	18.999	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	212491	19.492	ug/l	98
85) sec-Butylbenzene	11.890	105	254128	19.179	ug/l	98
86) p-Isopropyltoluene	12.006	119	211768	19.440	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	105673	19.186	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	106612	19.169	ug/l	97
89) n-Butylbenzene	12.329	91	188754	19.048	ug/l	98
90) Hexachloroethane	12.536	117	30670	18.576	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	105751	19.607	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17579	19.051	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	60503	18.630	ug/l	98
94) Hexachlorobutadiene	13.725	225	22973	17.822	ug/l	96
95) Naphthalene	13.774	128	217184	19.529	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	60108	18.819	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

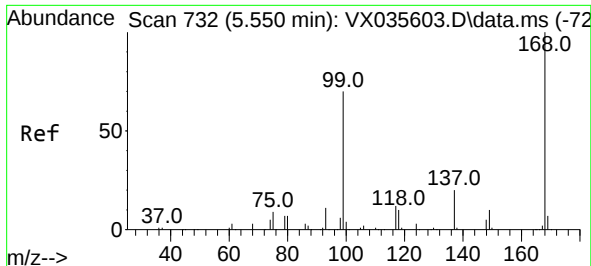
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/23/2023

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

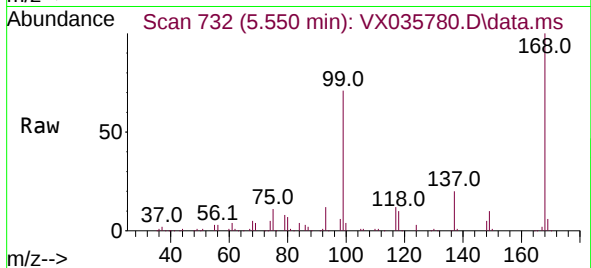
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035780.D
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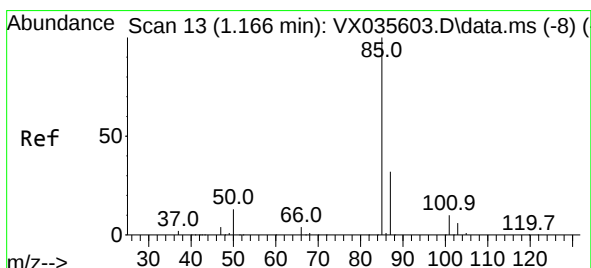
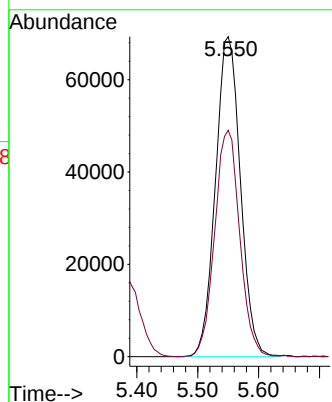
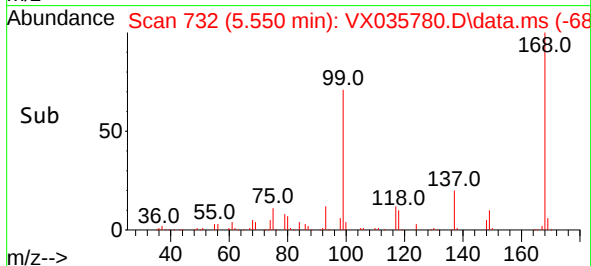
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion:168 Resp: 197104
Ion Ratio Lower Upper
168 100
99 70.7 45.7 68.5

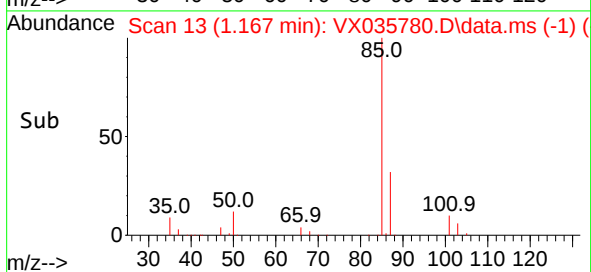
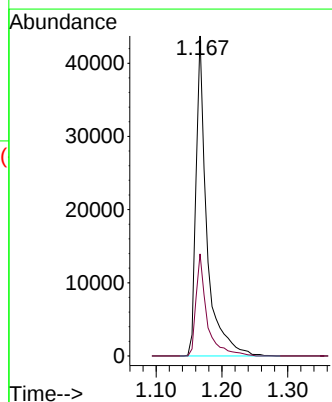
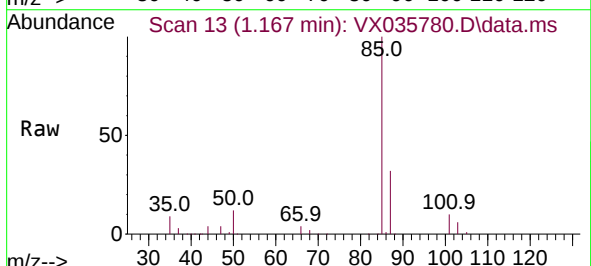
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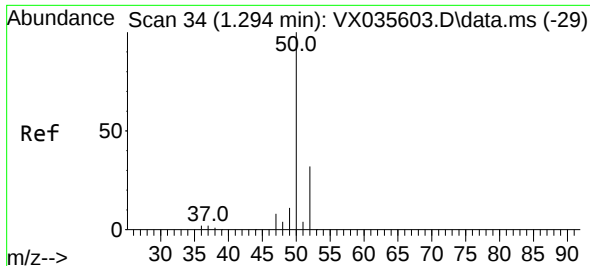
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#2
Dichlorodifluoromethane
Concen: 19.445 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

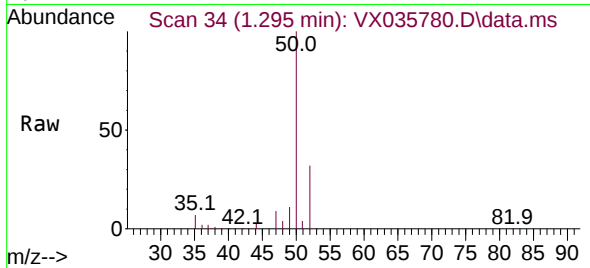
Tgt Ion: 85 Resp: 49950
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.1





#3
Chloromethane
Concen: 17.184 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

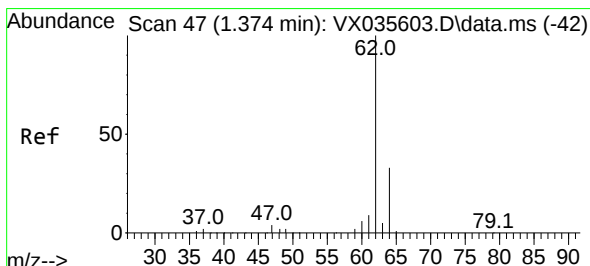
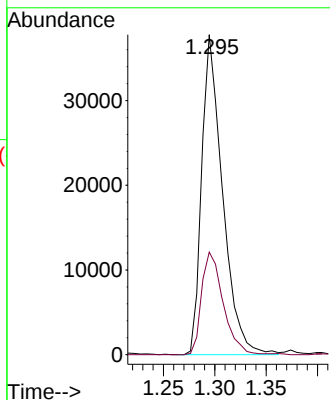
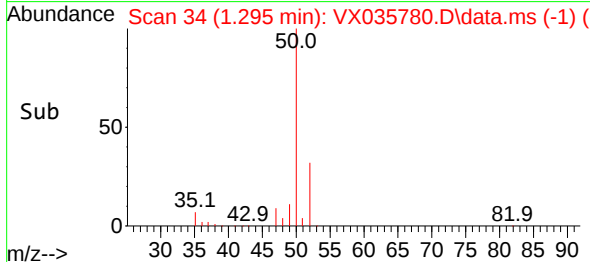
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion: 50 Resp: 53569
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

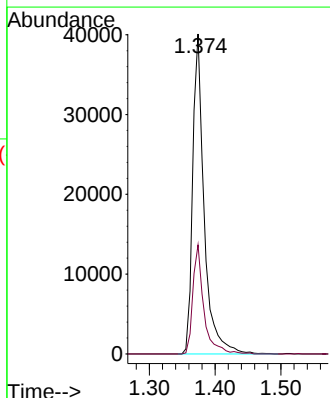
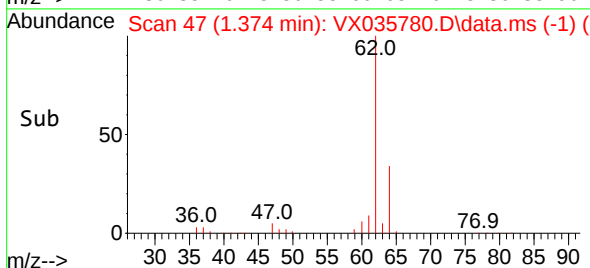
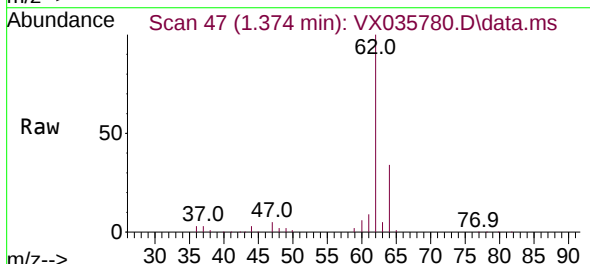
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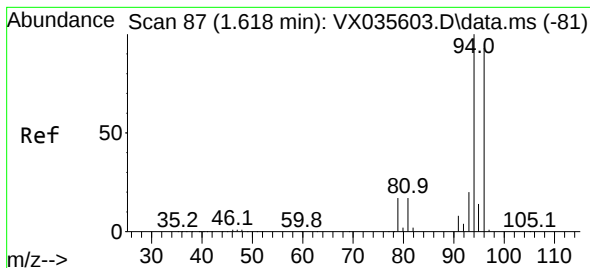
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#4
Vinyl Chloride
Concen: 18.364 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 62 Resp: 48584
Ion Ratio Lower Upper
62 100
64 34.1 26.4 39.6





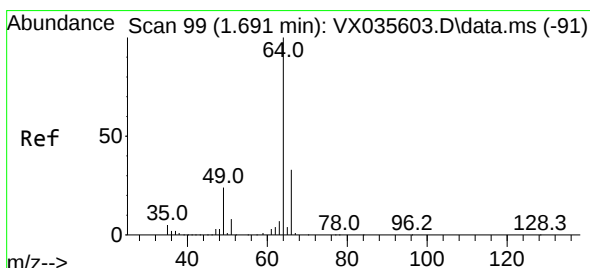
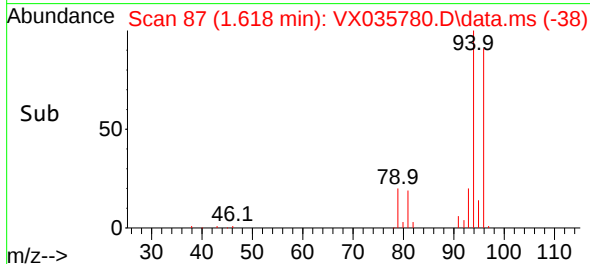
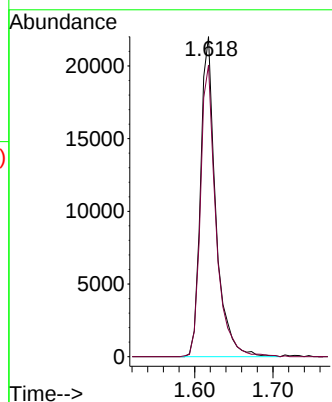
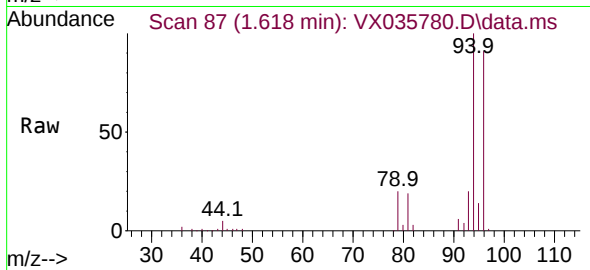
#5
Bromomethane
Concen: 20.743 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
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Tgt Ion: 94 Resp: 2972
Ion Ratio Lower Upper
94 100
96 91.2 77.0 115.6

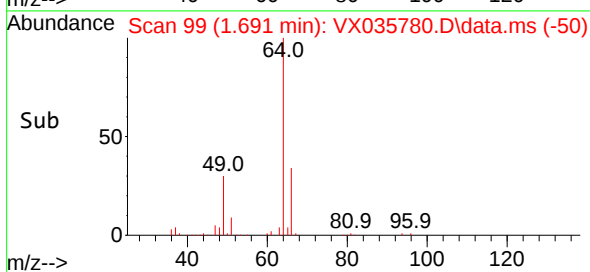
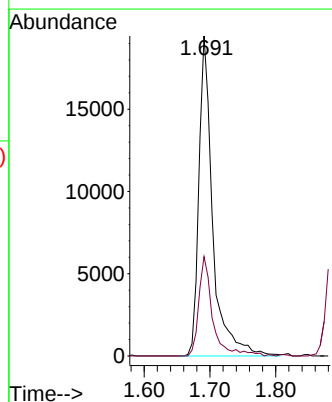
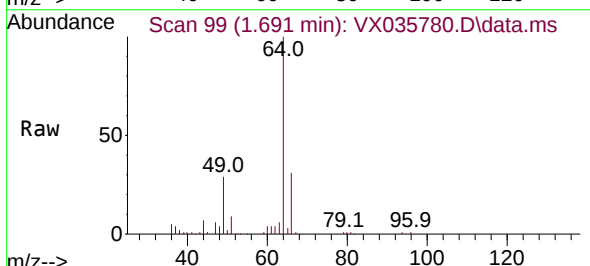
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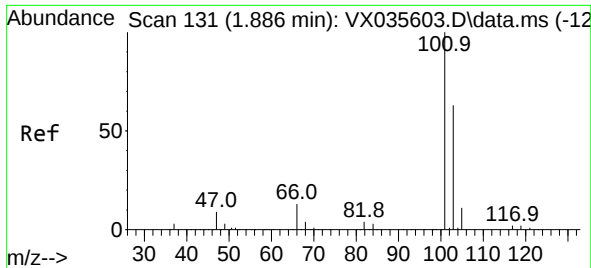
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#6
Chloroethane
Concen: 17.739 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035780.D
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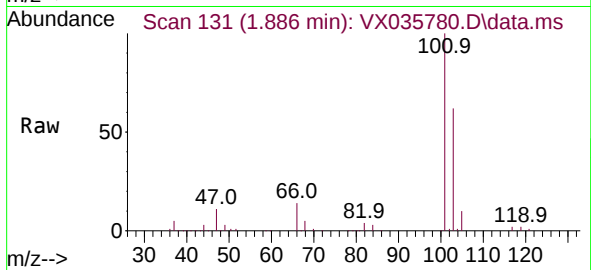
Tgt Ion: 64 Resp: 28470
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.555 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

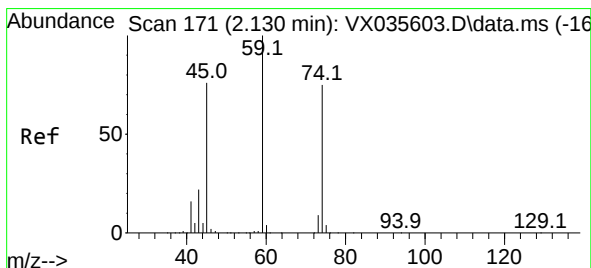
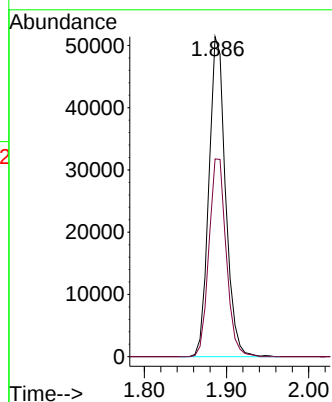
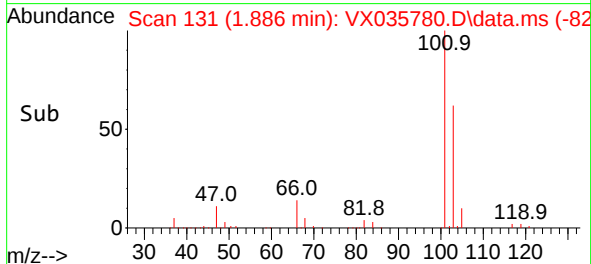
Instrument :
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VX0522MBSD01



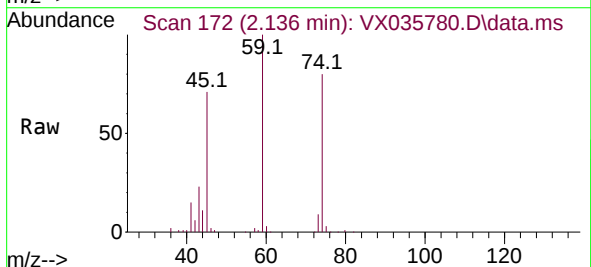
Tgt Ion:101 Resp: 7217
Ion Ratio Lower Upper
101 100
103 61.8 52.0 78.0

Manual Integrations
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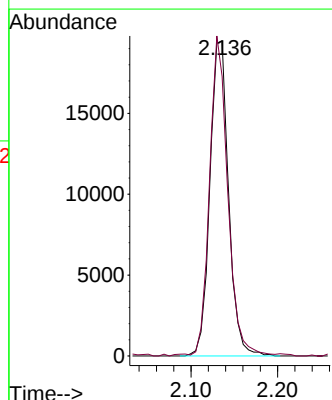
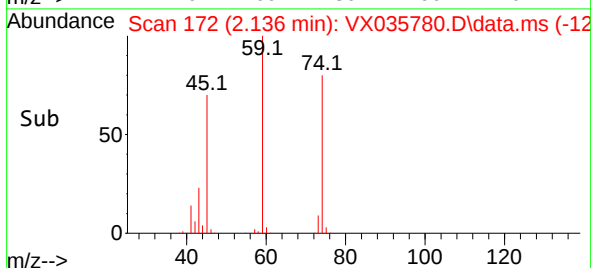
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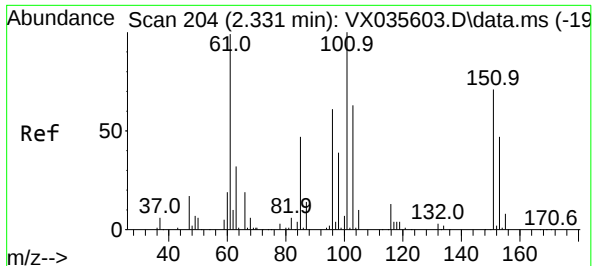


#8
Diethyl Ether
Concen: 19.431 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



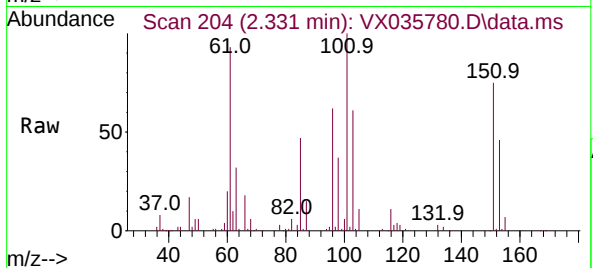
Tgt Ion: 74 Resp: 29103
Ion Ratio Lower Upper
74 100
45 99.9 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.340 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

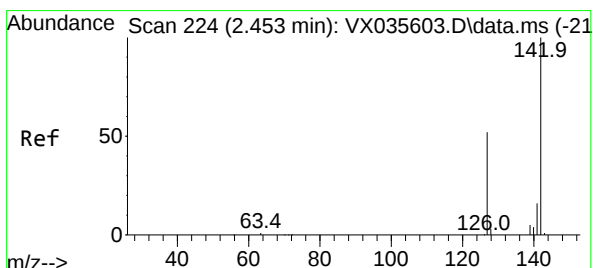
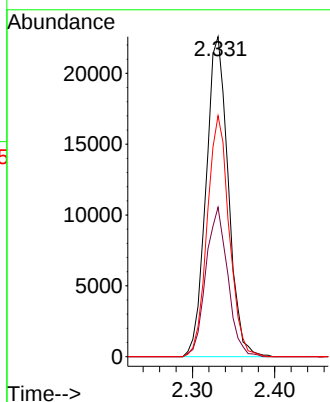
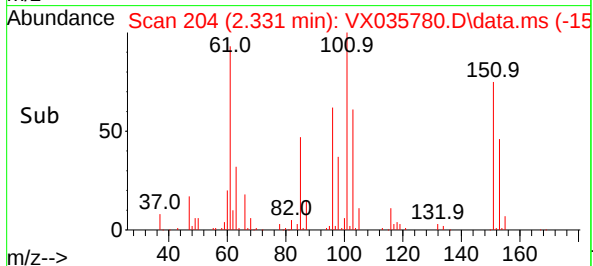
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



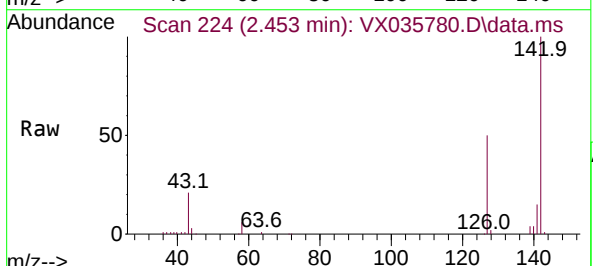
Tgt Ion:101 Resp: 4235
Ion Ratio Lower Upper
101 100
85 46.1 35.4 53.2
151 74.5 60.2 90.4

Manual Integrations
APPROVED

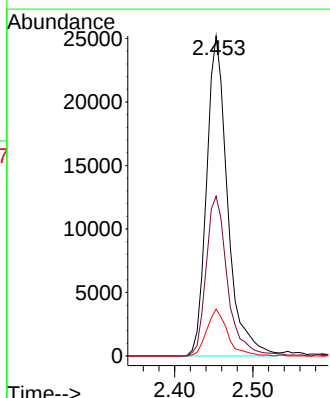
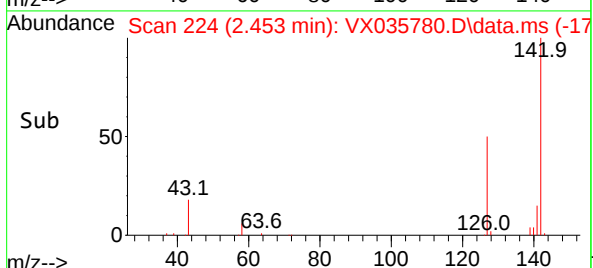
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

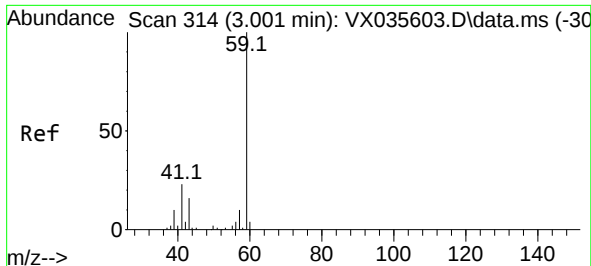


#10
Methyl Iodide
Concen: 22.720 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



Tgt Ion:142 Resp: 46930
Ion Ratio Lower Upper
142 100
127 50.9 34.0 51.0
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 96.779 ug/l

RT: 3.026 min Scan# 314

Delta R.T. 0.025 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 59 Resp: 5871

Ion Ratio Lower Upper

59 100

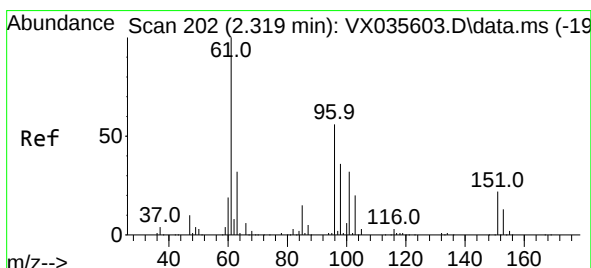
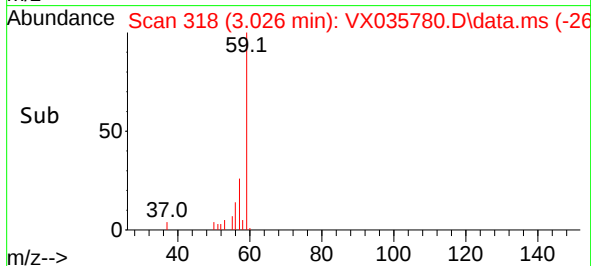
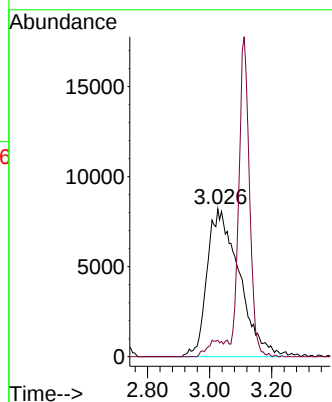
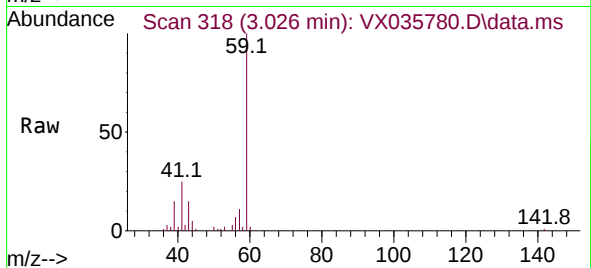
57 5.3 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#12

1,1-Dichloroethene

Concen: 18.128 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

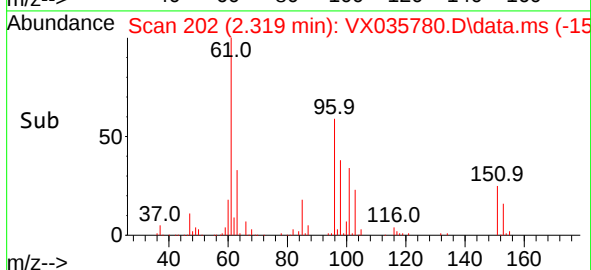
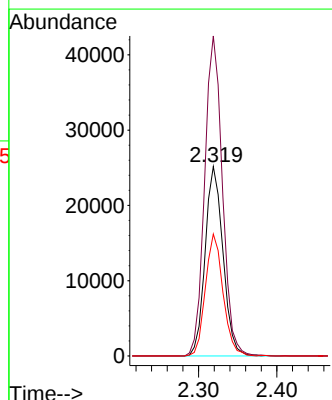
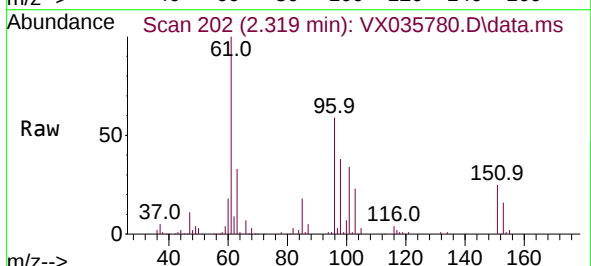
Tgt Ion: 96 Resp: 39792

Ion Ratio Lower Upper

96 100

61 168.9 128.8 193.2

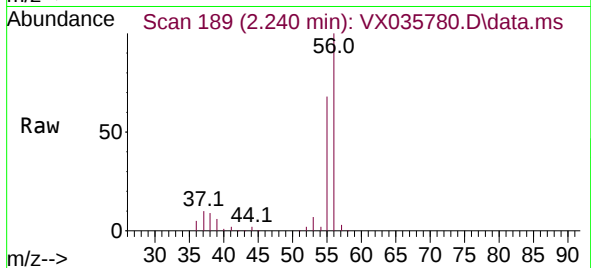
98 64.3 51.4 77.0





#13
Acrolein
Concen: 93.594 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

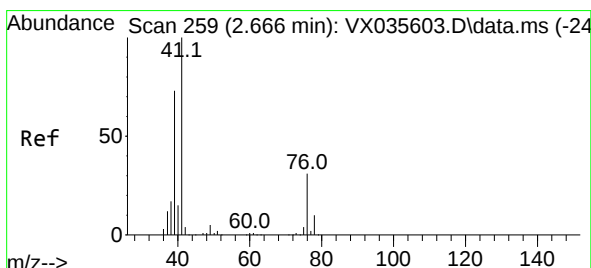
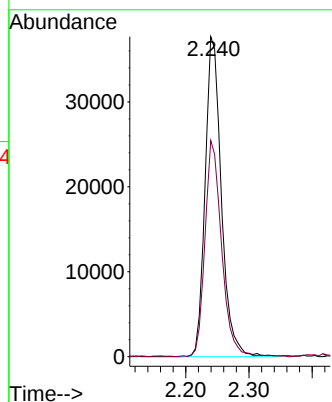
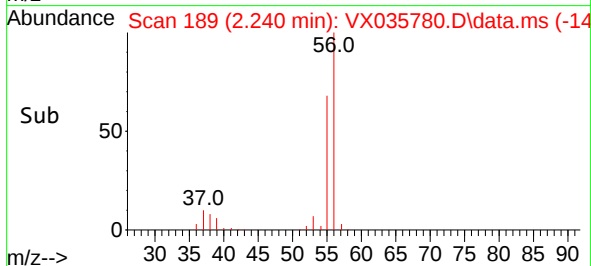
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion: 56 Resp: 67390
Ion Ratio Lower Upper
56 100
55 68.8 56.6 85.0

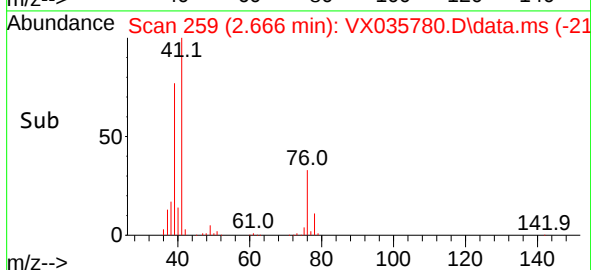
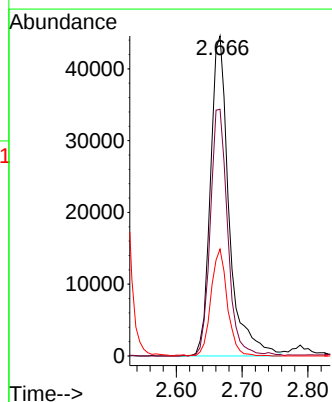
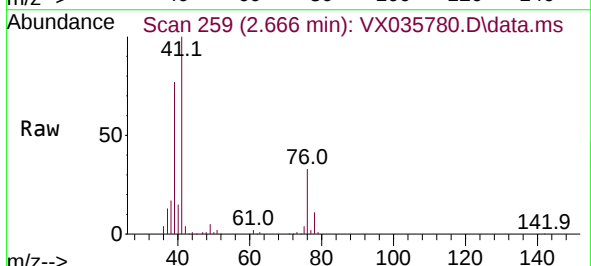
Manual Integrations
APPROVED

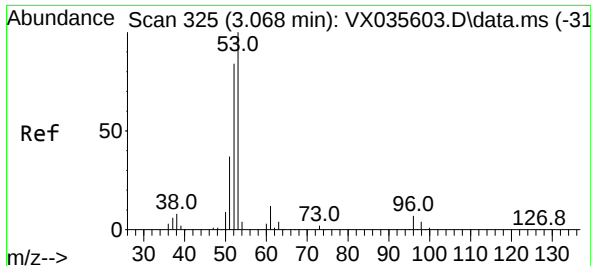
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#14
Allyl chloride
Concen: 18.778 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

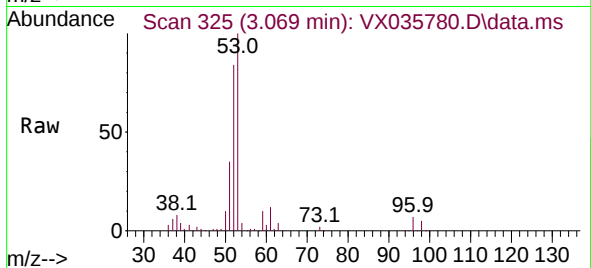
Tgt Ion: 41 Resp: 88304
Ion Ratio Lower Upper
41 100
39 71.6 52.4 78.6
76 29.2 26.0 39.0





#15
Acrylonitrile
Concen: 109.211 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

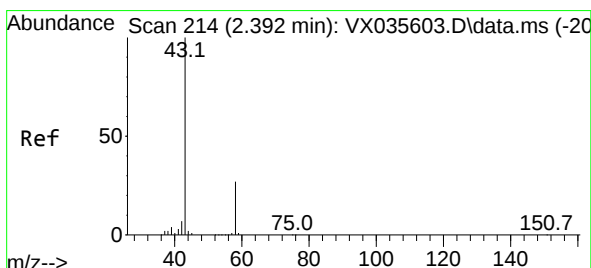
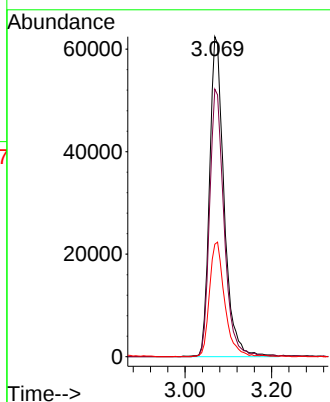
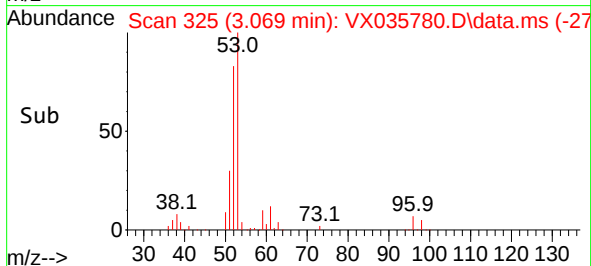
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



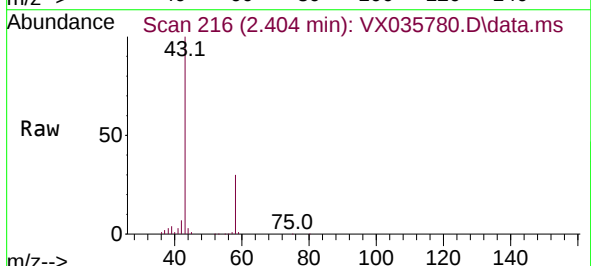
Tgt Ion: 53 Resp: 14589
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 37.3 28.3 42.5

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APPROVED

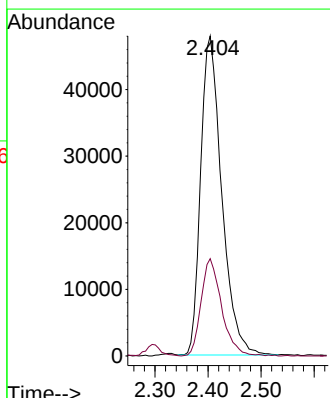
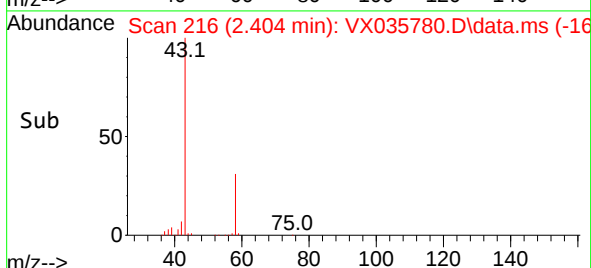
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

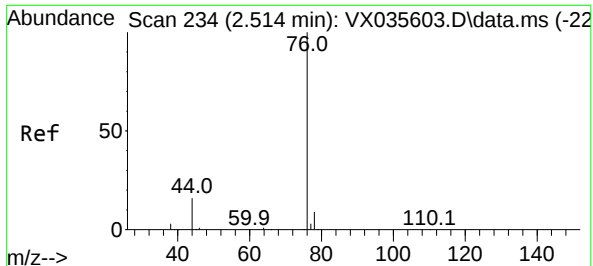


#16
Acetone
Concen: 89.549 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



Tgt Ion: 43 Resp: 132343
Ion Ratio Lower Upper
43 100
58 30.5 24.7 37.1





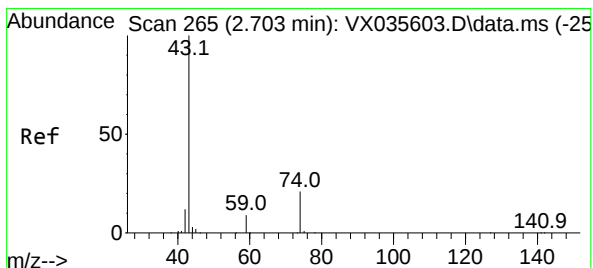
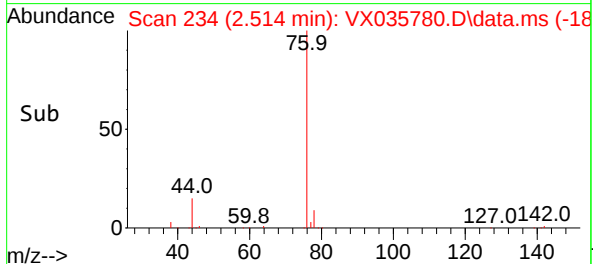
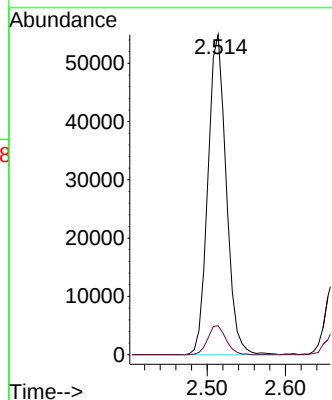
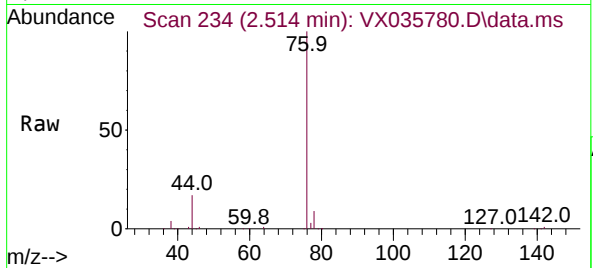
#17
Carbon Disulfide
Concen: 16.787 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 76 Resp: 88930
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

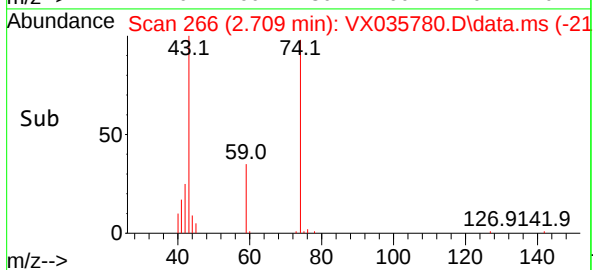
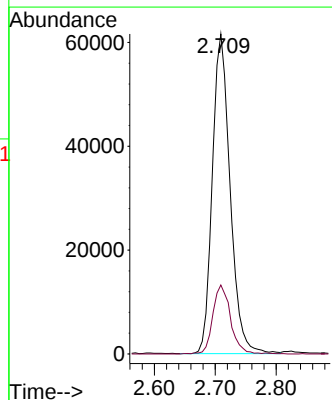
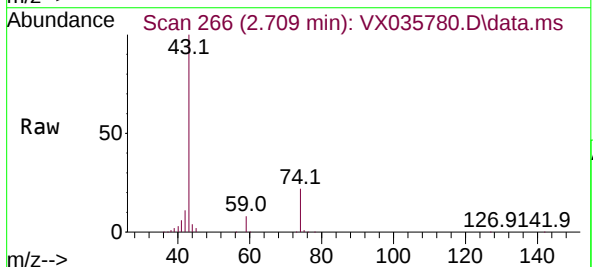
Manual Integrations
APPROVED

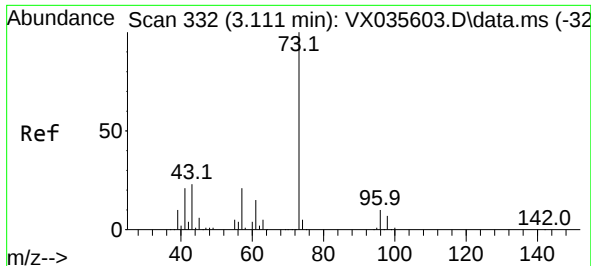
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#18
Methyl Acetate
Concen: 22.916 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 43 Resp: 124902
Ion Ratio Lower Upper
43 100
74 21.4 18.3 27.5





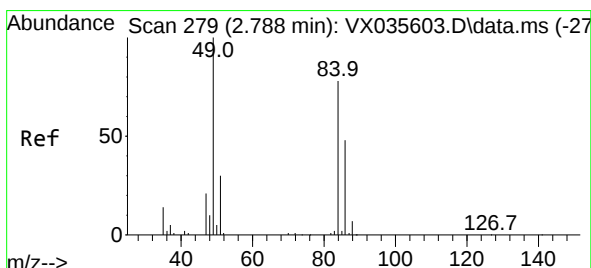
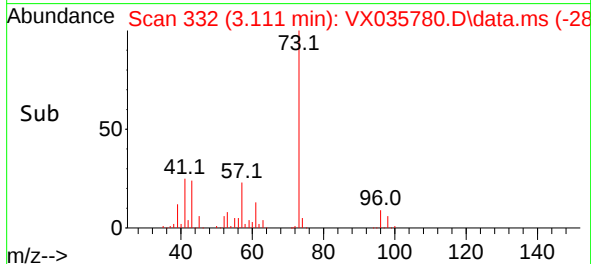
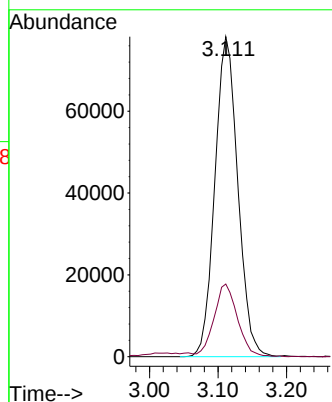
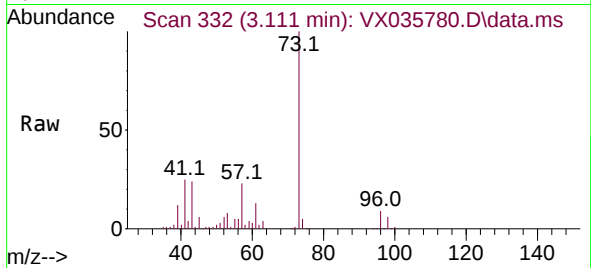
#19
Methyl tert-butyl Ether
Concen: 20.790 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 73 Resp: 181590
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

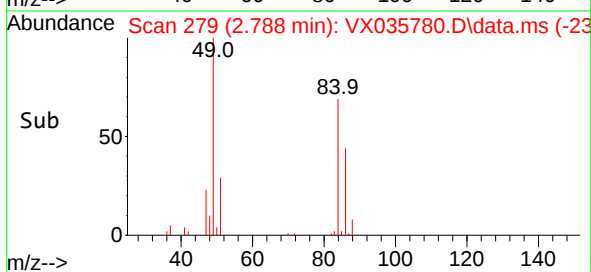
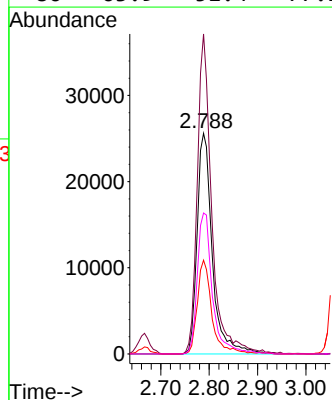
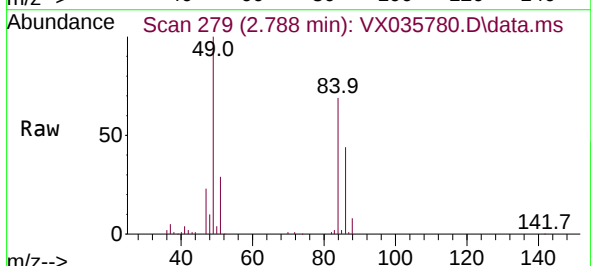
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#20
Methylene Chloride
Concen: 20.884 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 84 Resp: 55936
Ion Ratio Lower Upper
84 100
49 145.0 103.8 155.8
51 42.5 31.8 47.8
86 63.9 51.4 77.2





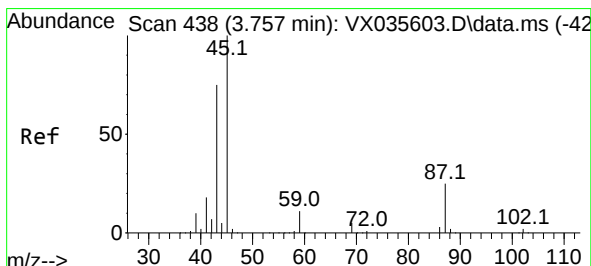
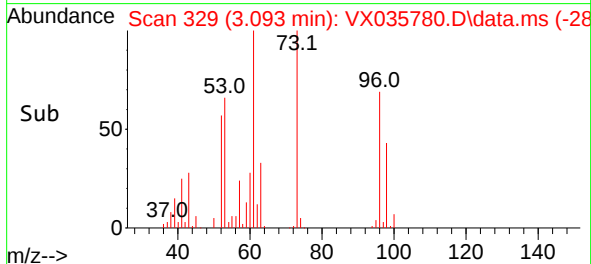
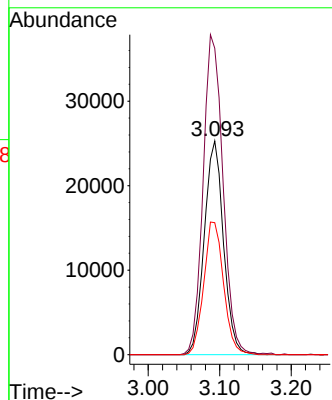
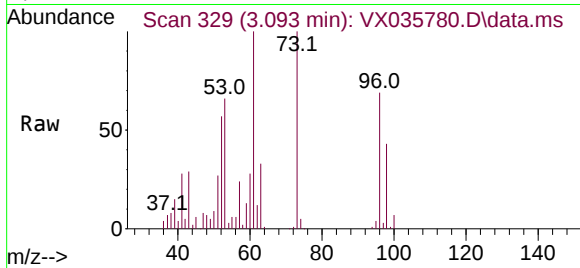
#21
trans-1,2-Dichloroethene
Concen: 19.687 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 96 Resp: 4735
Ion Ratio Lower Upper
96 100
61 143.4 113.0 169.6
98 61.8 52.1 78.1

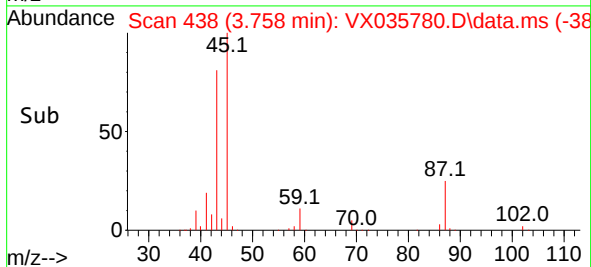
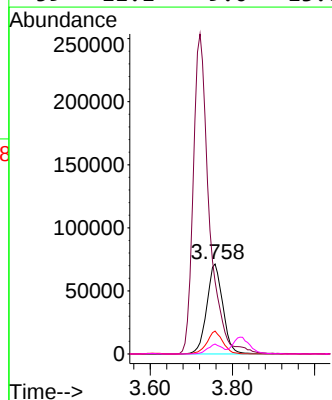
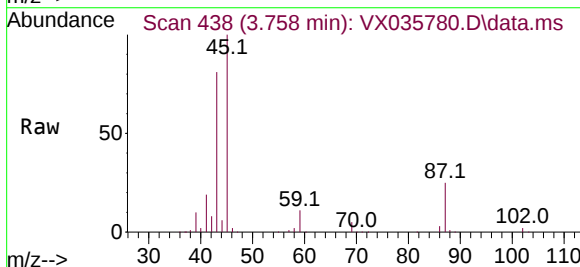
Manual Integrations
APPROVED

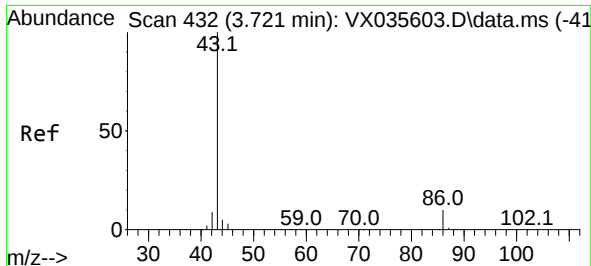
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#22
Diisopropyl ether
Concen: 20.953 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 45 Resp: 192921
Ion Ratio Lower Upper
45 100
43 80.1 65.4 98.2
87 25.4 20.6 31.0
59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 105.331 ug/l

RT: 3.721 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 43 Resp: 686198

Ion Ratio Lower Upper

43 100

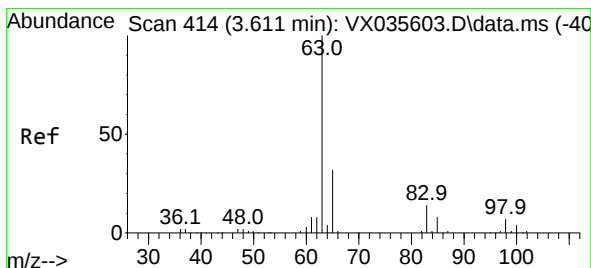
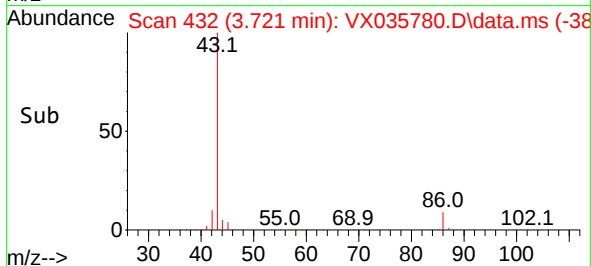
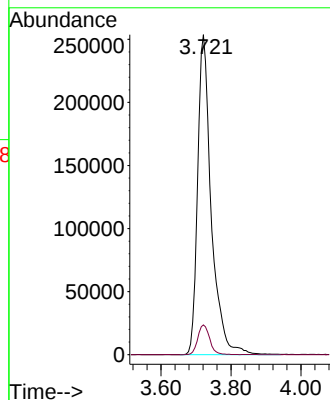
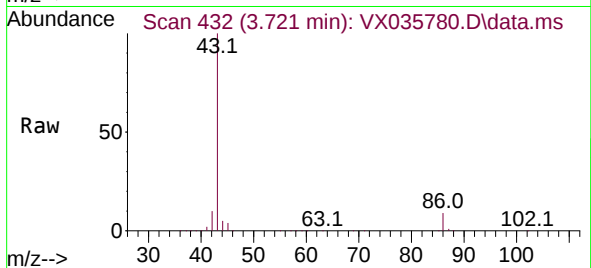
86 9.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#24

1,1-Dichloroethane

Concen: 20.518 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

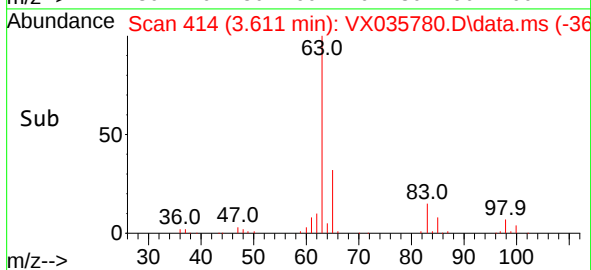
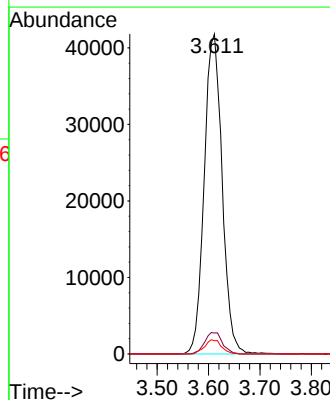
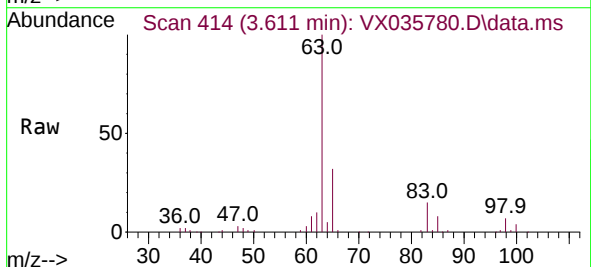
Tgt Ion: 63 Resp: 101032

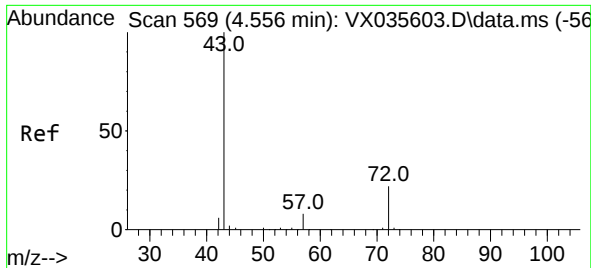
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.2

100 4.2 2.4 7.1





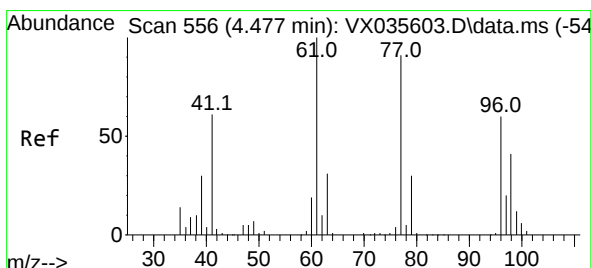
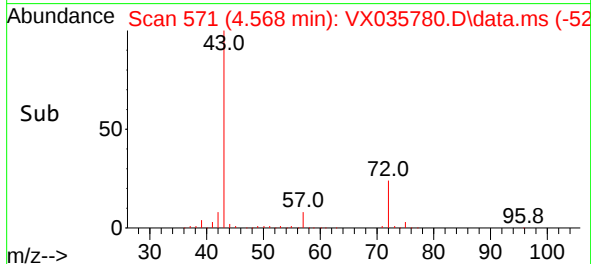
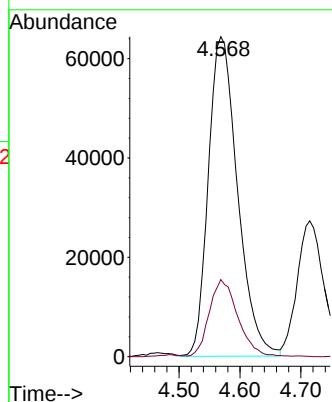
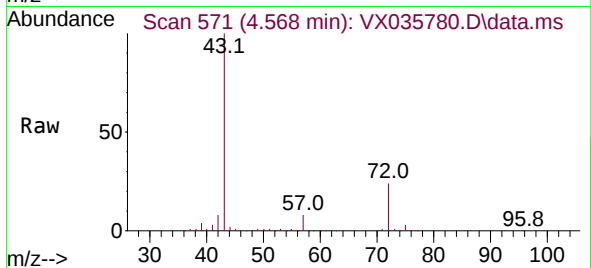
#25
2-Butanone
Concen: 104.911 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 43 Resp: 21463
Ion Ratio Lower Upper
43 100
72 23.9 19.3 28.9

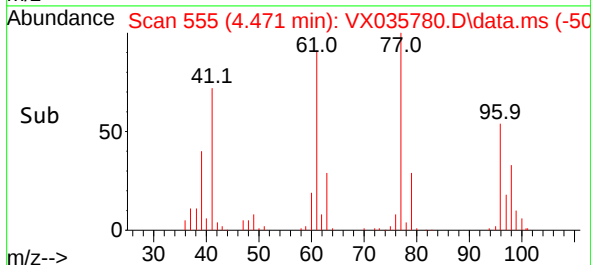
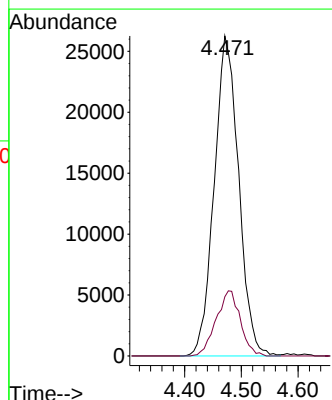
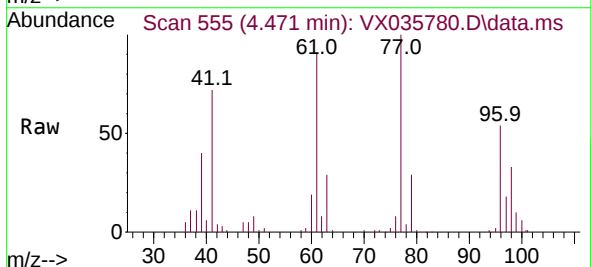
Manual Integrations
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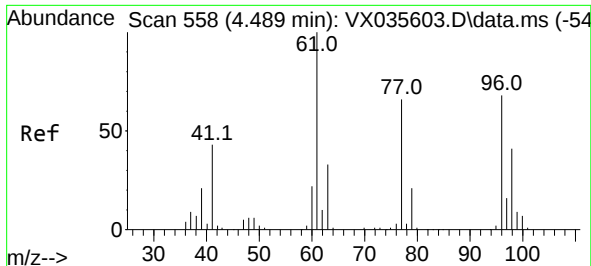
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#26
2,2-Dichloropropane
Concen: 18.861 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 77 Resp: 78648
Ion Ratio Lower Upper
77 100
97 20.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.116 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 96 Resp: 5816

Ion Ratio Lower Upper

96 100

61 158.4 0.0 300.4

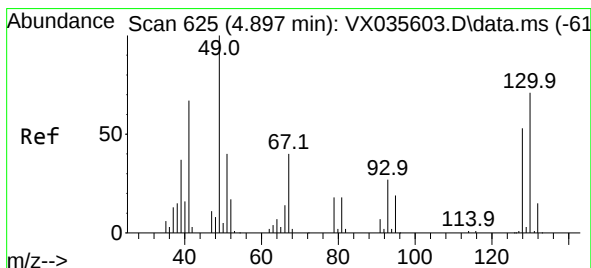
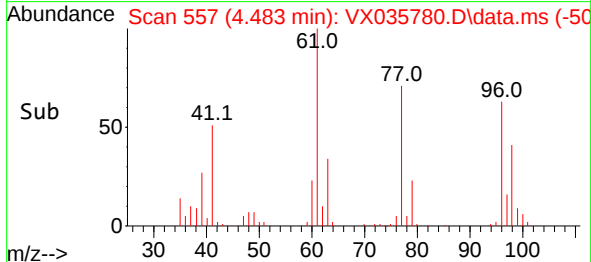
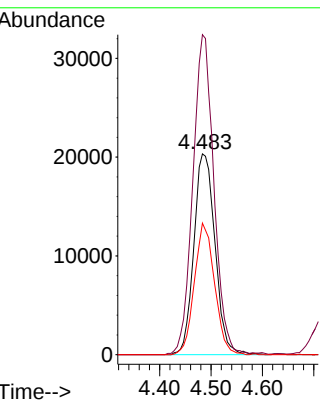
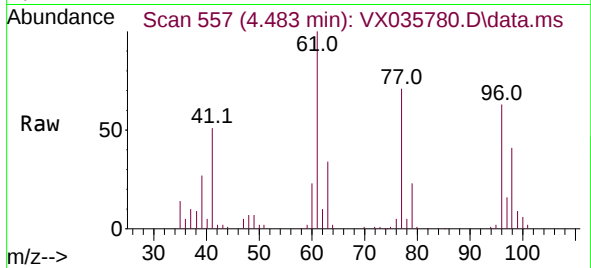
98 62.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#28

Bromochloromethane

Concen: 23.576 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

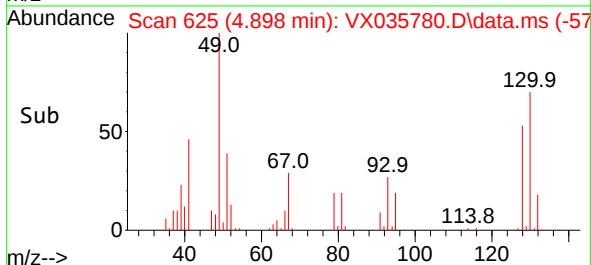
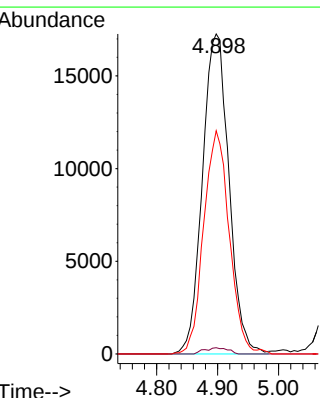
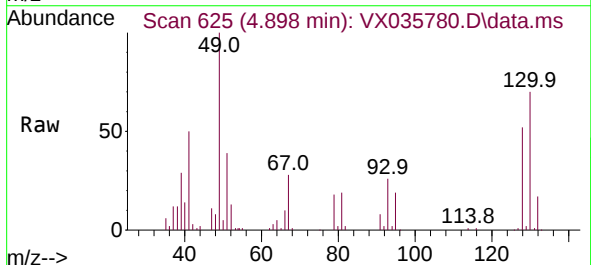
Tgt Ion: 49 Resp: 52217

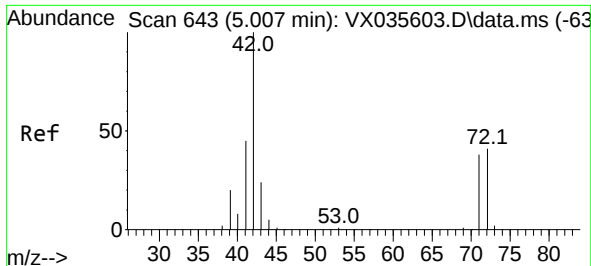
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 67.5 58.2 87.2





#29

Tetrahydrofuran

Concen: 105.102 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

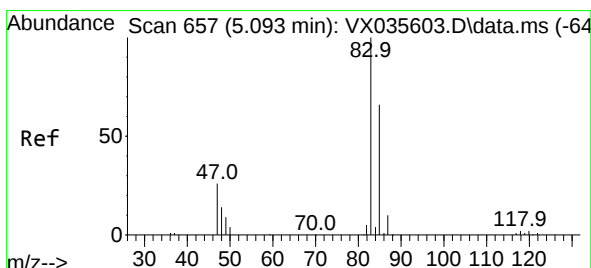
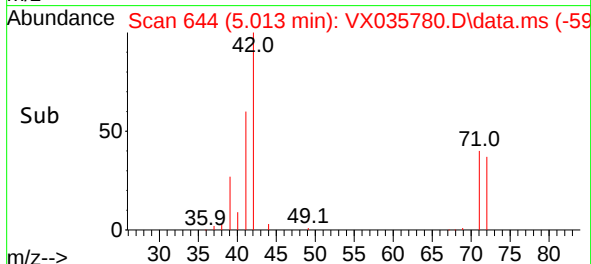
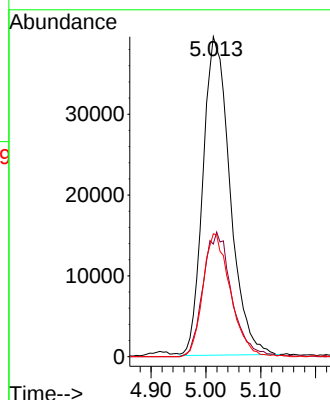
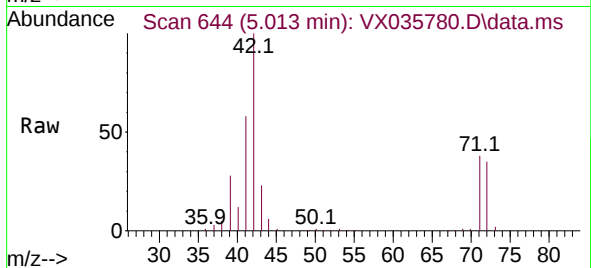
Tgt Ion: 42	Resp: 135149
Ion Ratio	Lower Upper
42	100
72	41.4 34.5 51.7
71	39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#30

Chloroform

Concen: 20.390 ug/l

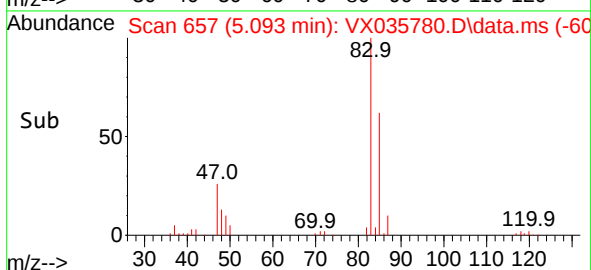
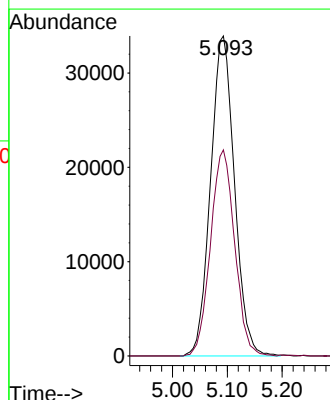
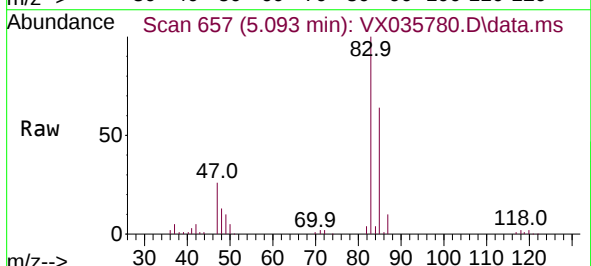
RT: 5.093 min Scan# 657

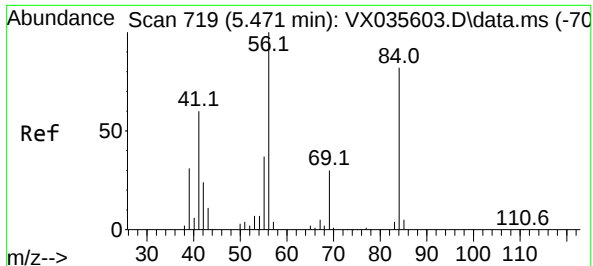
Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

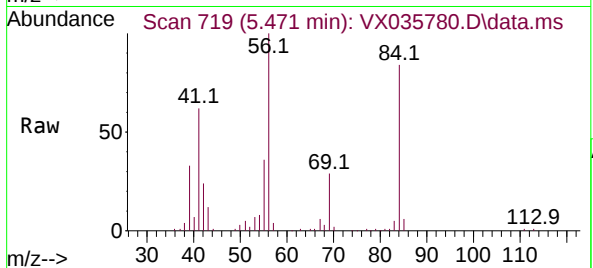
Tgt Ion: 83	Resp: 102887
Ion Ratio	Lower Upper
83	100
85	64.4 50.6 76.0





#31
Cyclohexane
Concen: 18.754 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

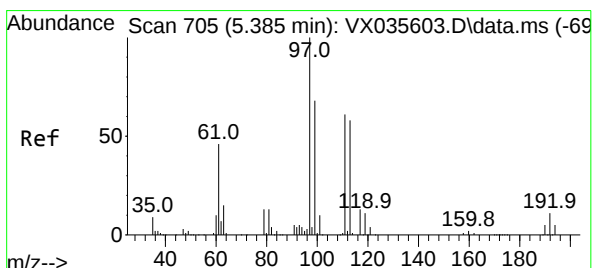
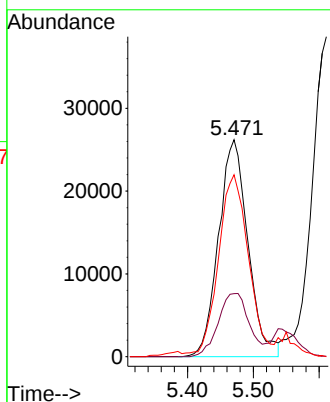
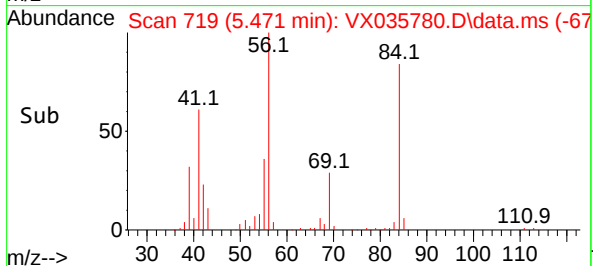
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion: 56 Resp: 81472
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 81.4 68.5 102.7

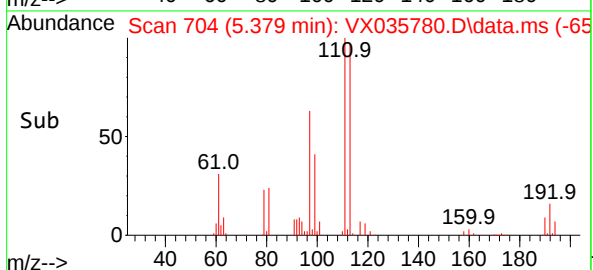
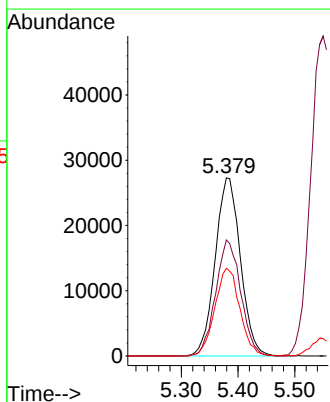
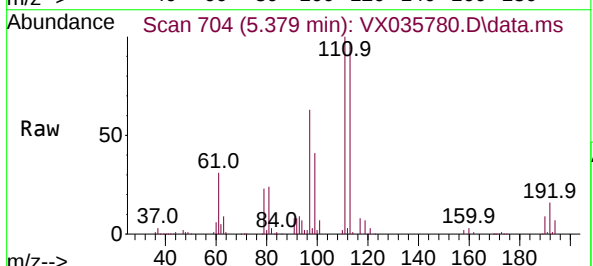
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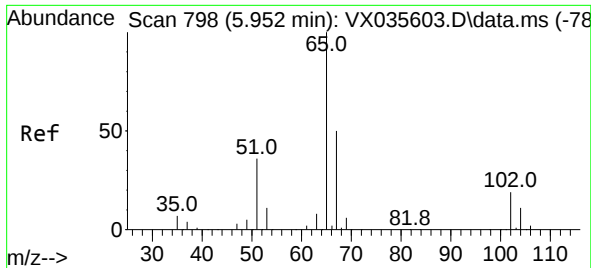
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#32
1,1,1-Trichloroethane
Concen: 19.221 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

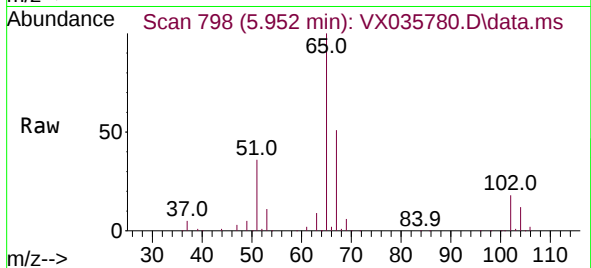
Tgt Ion: 97 Resp: 84385
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 48.7 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 53.820 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035780.D
 Acq: 22 May 2023 13:29

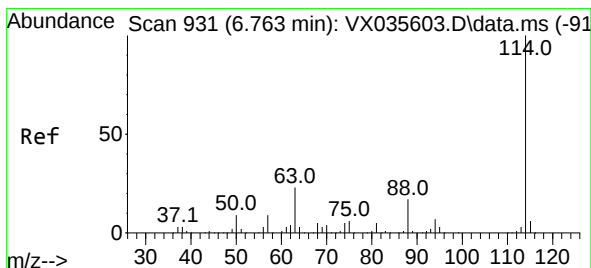
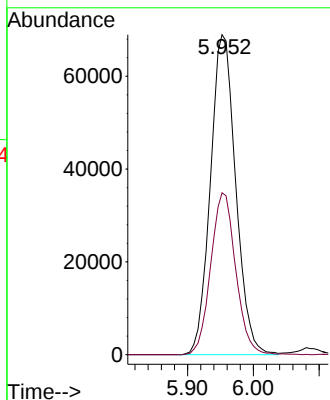
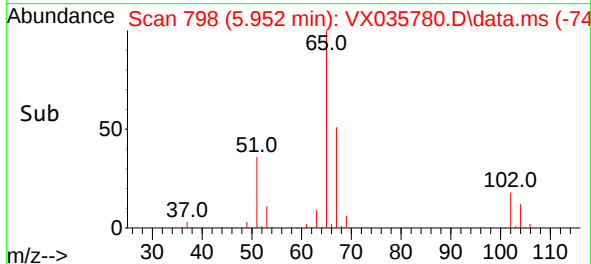
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522MBSD01



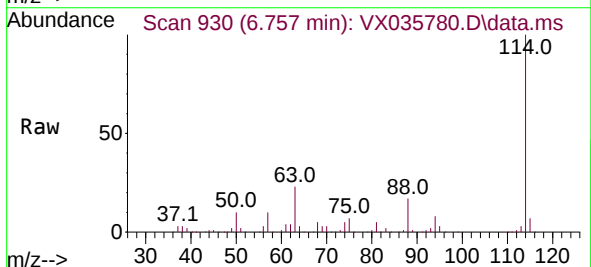
Tgt Ion: 65 Resp: 185062
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 104.0

Manual Integrations
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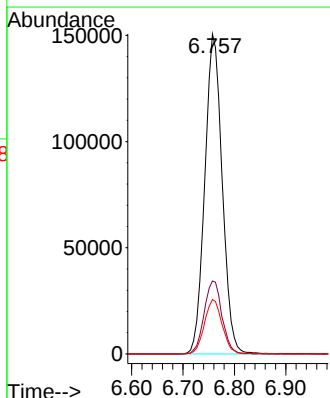
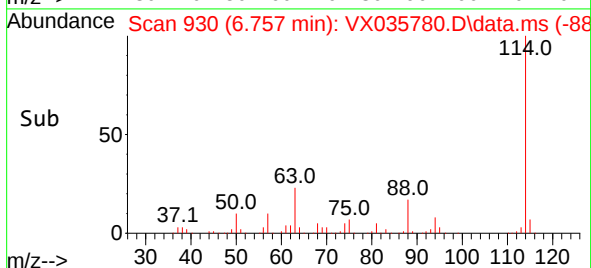
Reviewed By :John Carlone 05/23/2023
 Supervised By :Mahesh Dadoda 05/23/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035780.D
 Acq: 22 May 2023 13:29



Tgt Ion:114 Resp: 354427
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.2
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.389 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035780.D

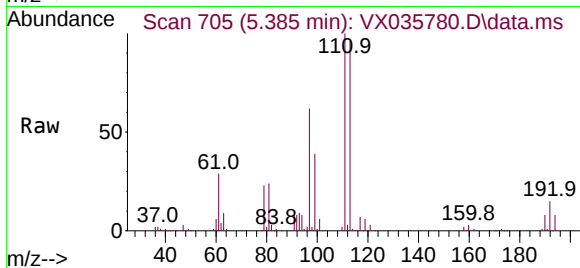
Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01



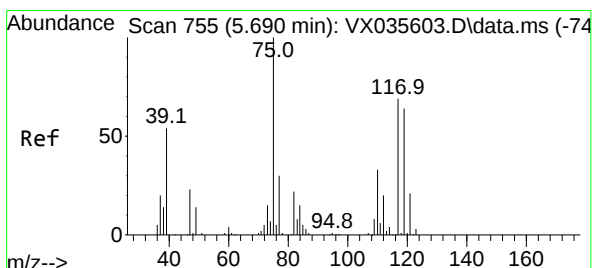
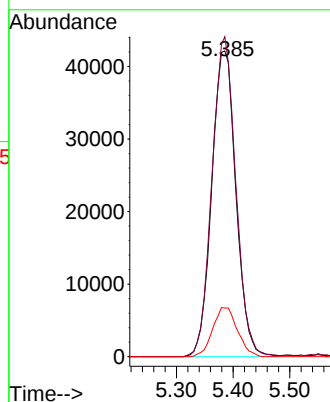
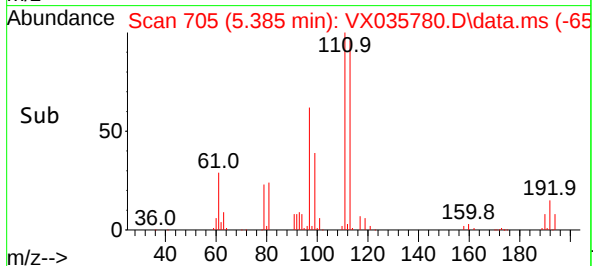
Tgt Ion:	113	Resp:	12522
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.7	125.5
192	16.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#36

1,1-Dichloropropene

Concen: 19.070 ug/l

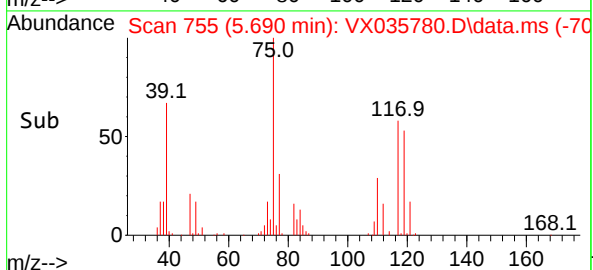
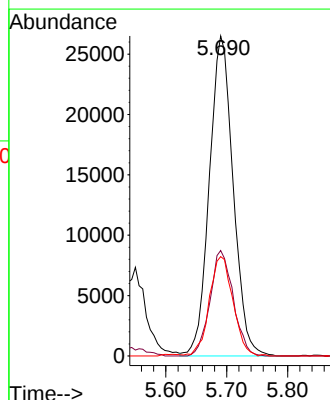
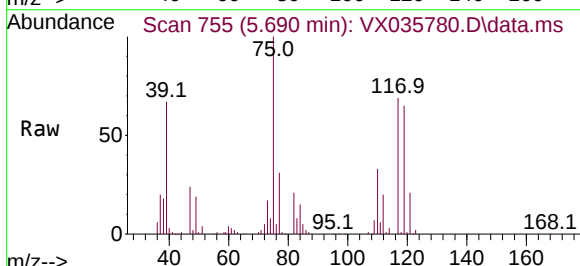
RT: 5.690 min Scan# 755

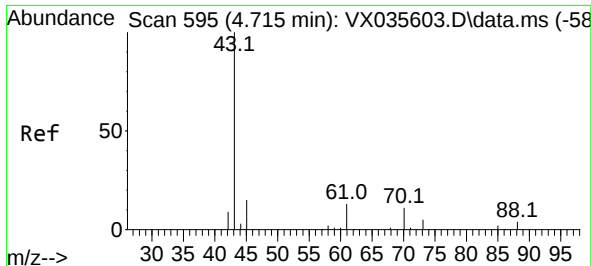
Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Tgt Ion:	75	Resp:	71950
Ion Ratio	Lower	Upper	
75	100		
110	32.1	17.5	52.5
77	30.9	24.3	36.5





#37

Ethyl Acetate

Concen: 21.197 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 43 Resp: 83414

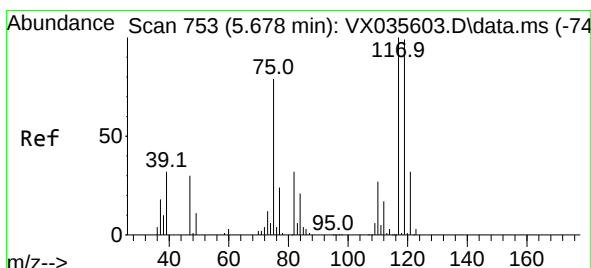
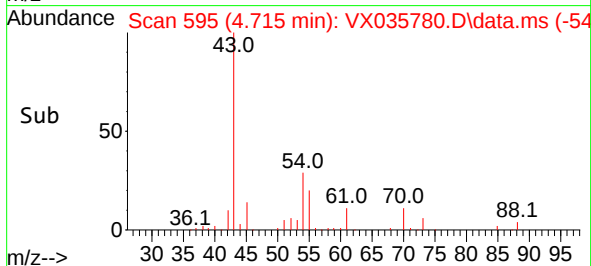
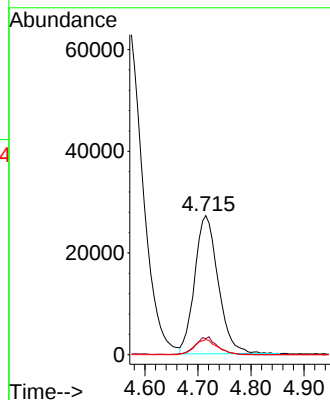
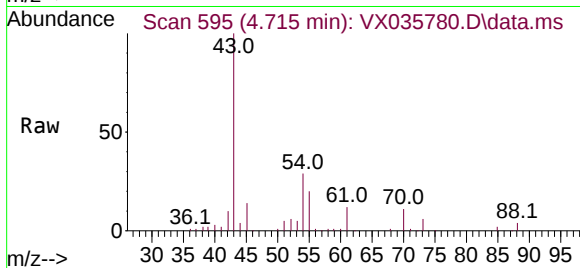
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.2	15.4
70	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#38

Carbon Tetrachloride

Concen: 18.725 ug/l

RT: 5.678 min Scan# 753

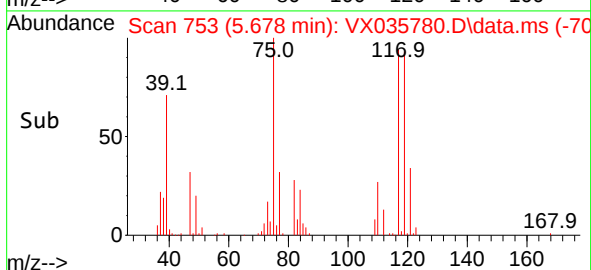
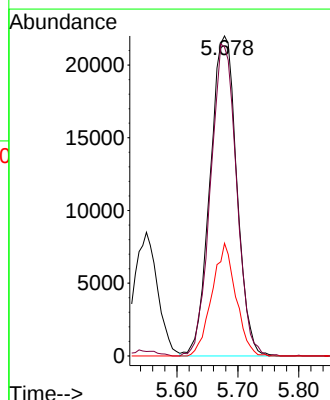
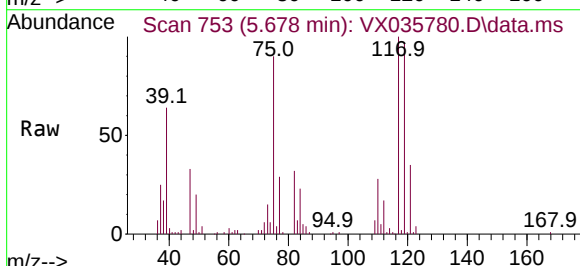
Delta R.T. -0.000 min

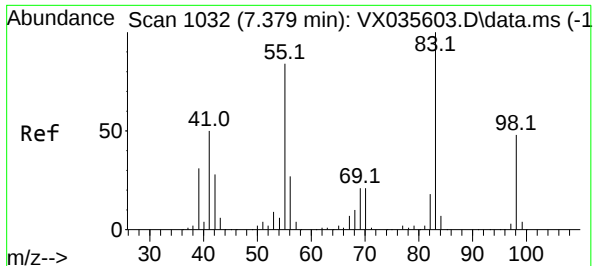
Lab File: VX035780.D

Acq: 22 May 2023 13:29

Tgt Ion:117 Resp: 66922

Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.6	114.8
121	35.2	23.8	35.6





#39

Methylcyclohexane

Concen: 18.320 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

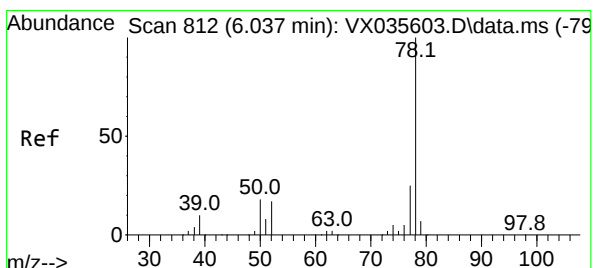
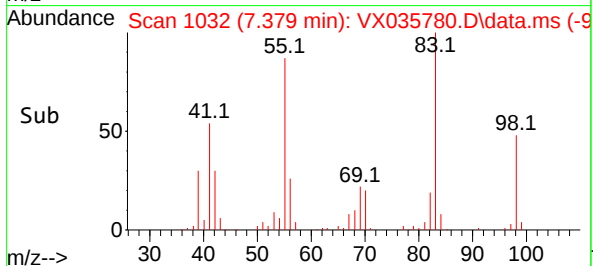
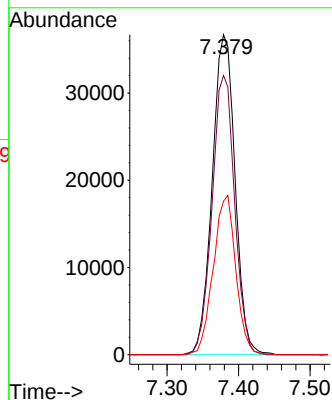
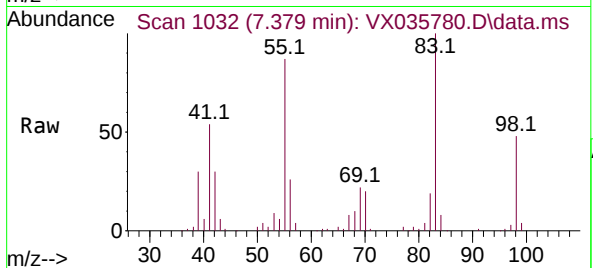
Tgt Ion: 83	Resp: 81364
Ion Ratio	Lower Upper
83 100	
55 87.3	60.5 90.7
98 48.0	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#40

Benzene

Concen: 19.837 ug/l

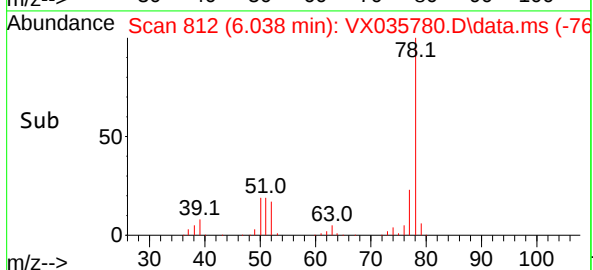
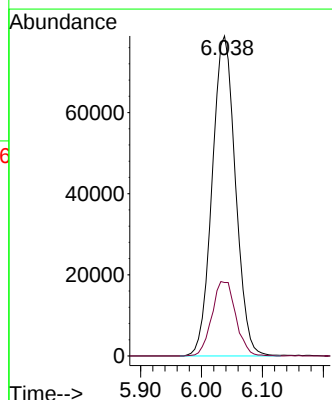
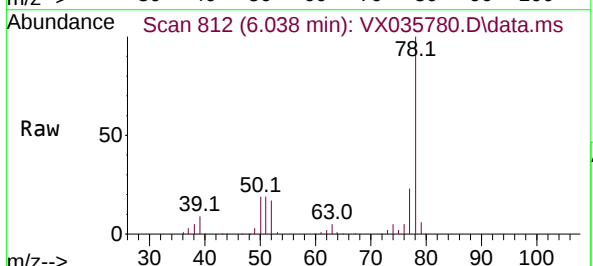
RT: 6.038 min Scan# 812

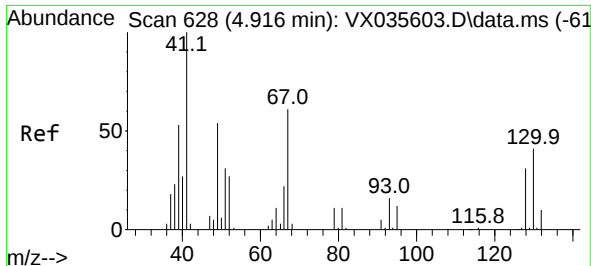
Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

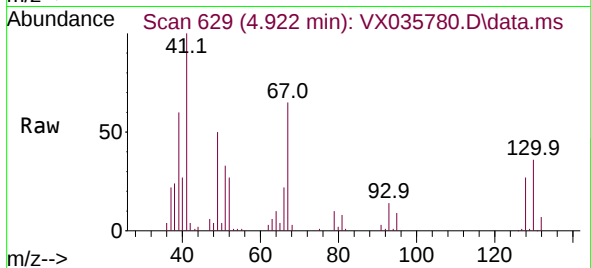
Tgt Ion: 78	Resp: 209372
Ion Ratio	Lower Upper
78 100	
77 23.0	19.0 28.4





#41
Methacrylonitrile
Concen: 20.865 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

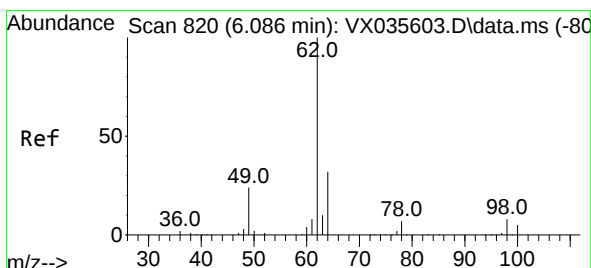
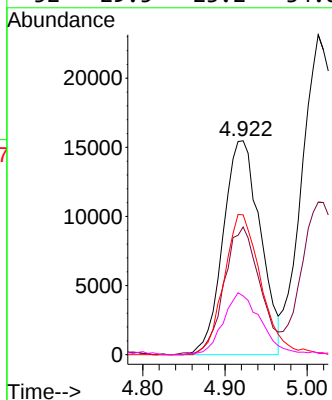
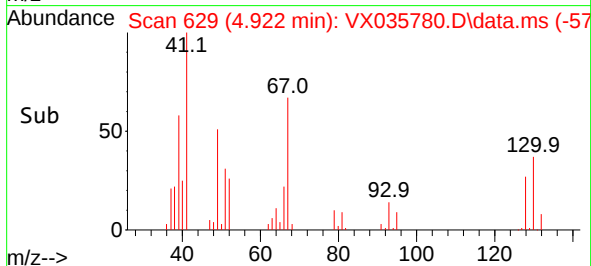
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion: 41 Resp: 48752
Ion Ratio Lower Upper
41 100
39 57.4 45.0 67.6
67 64.9 55.6 83.4
52 29.5 23.2 34.8

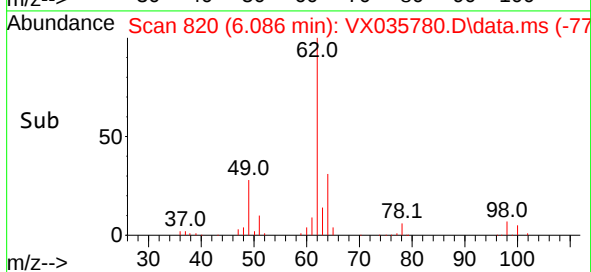
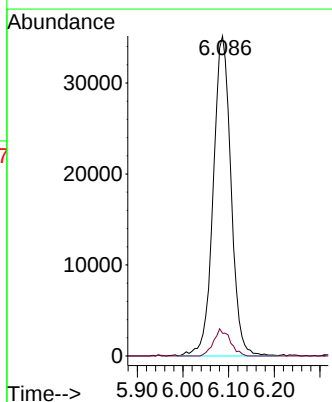
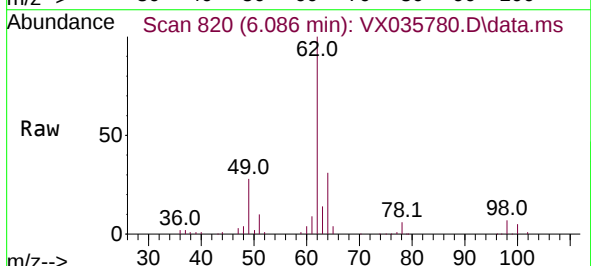
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#42
1,2-Dichloroethane
Concen: 20.910 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

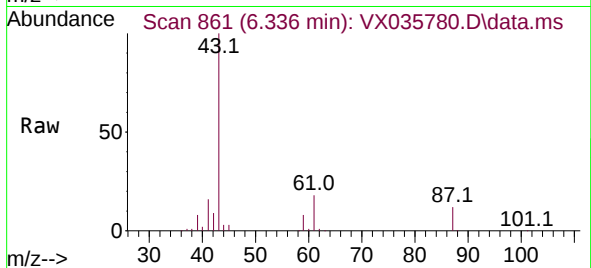
Tgt Ion: 62 Resp: 94937
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.690 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

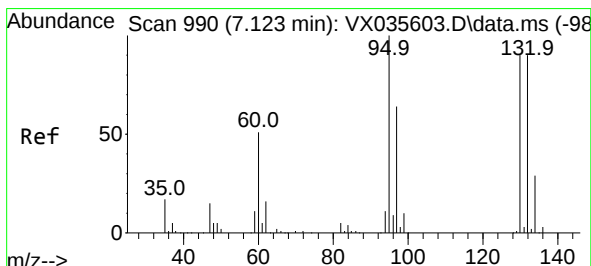
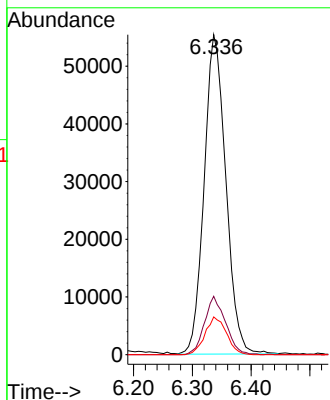
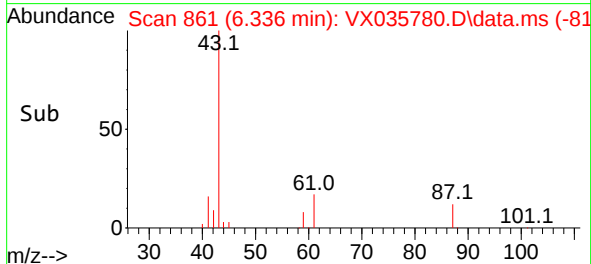
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion: 43 Resp: 14198
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 11.6 9.8 14.8

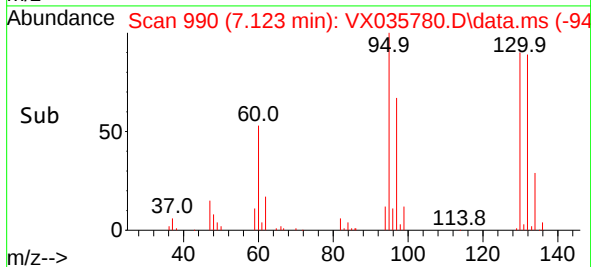
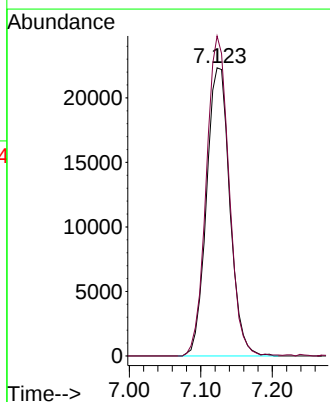
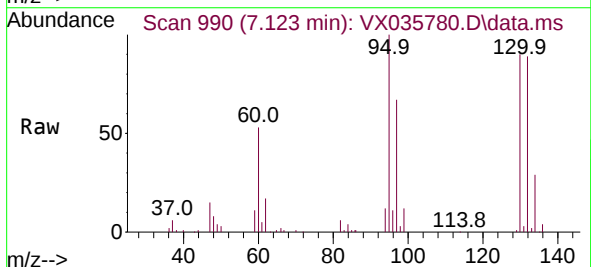
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#44
Trichloroethene
Concen: 18.913 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion:130 Resp: 50616
Ion Ratio Lower Upper
130 100
95 111.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.310 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 63 Resp: 5677

Ion Ratio Lower Upper

63 100

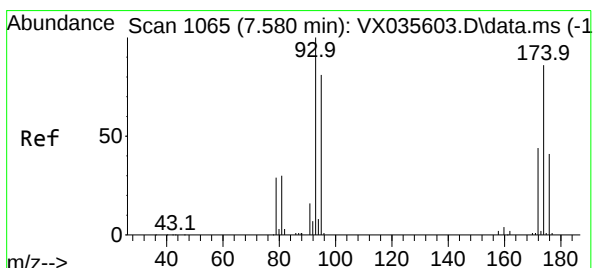
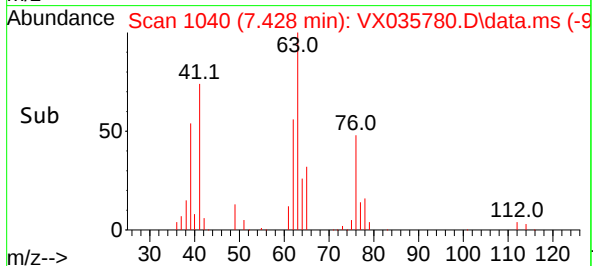
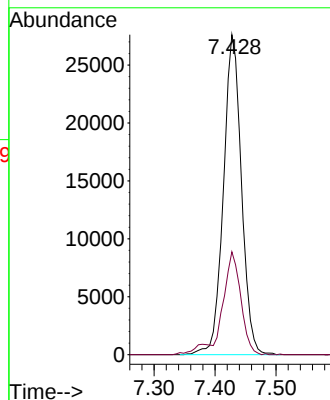
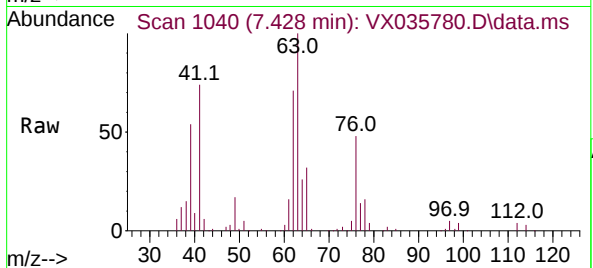
65 32.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#46

Dibromomethane

Concen: 21.021 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

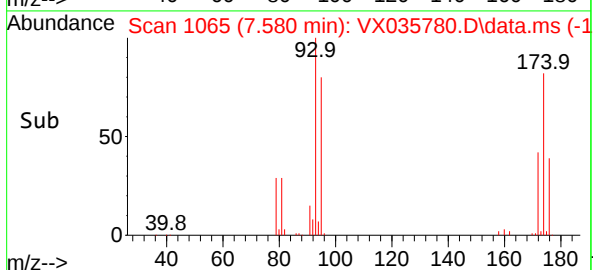
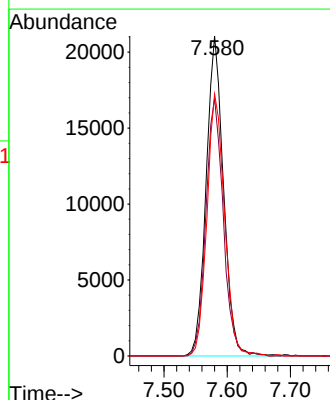
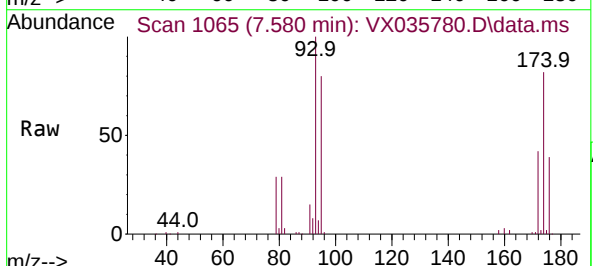
Tgt Ion: 93 Resp: 40223

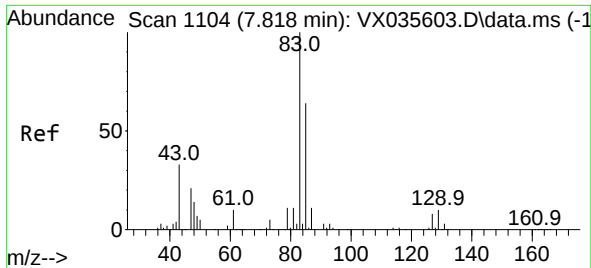
Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

174 83.0 75.4 113.0





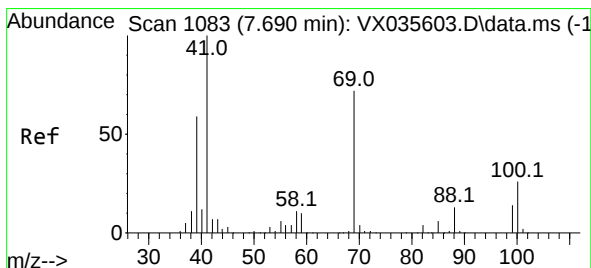
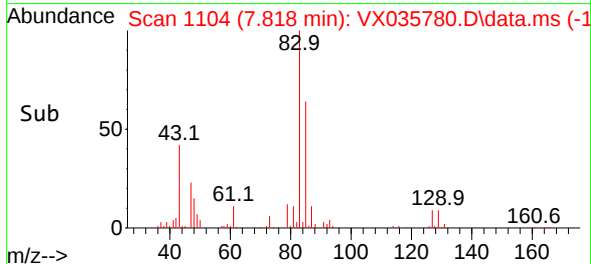
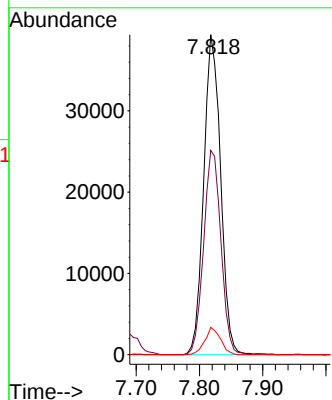
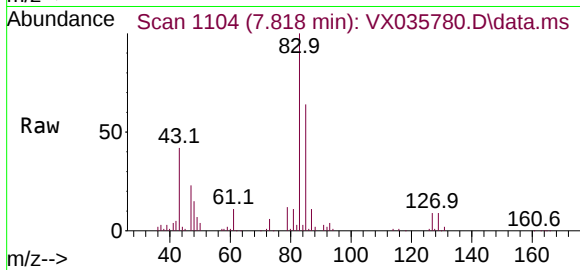
#47
Bromodichloromethane
Concen: 19.818 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 83 Resp: 73294
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 8.6 6.6 9.8

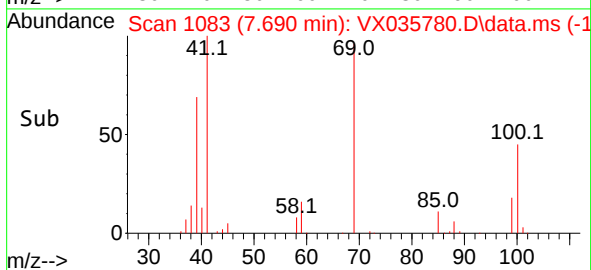
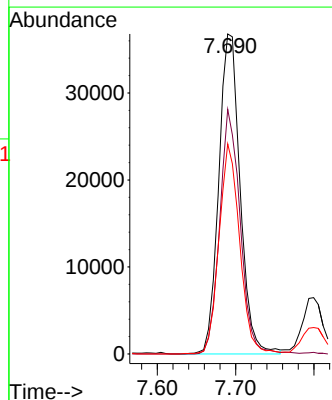
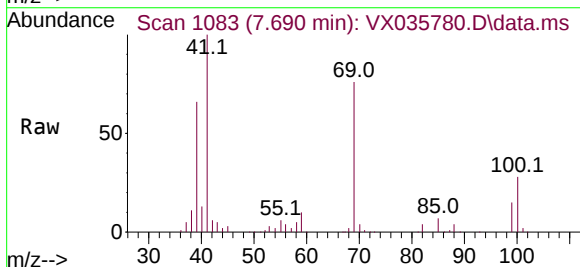
Manual Integrations
APPROVED

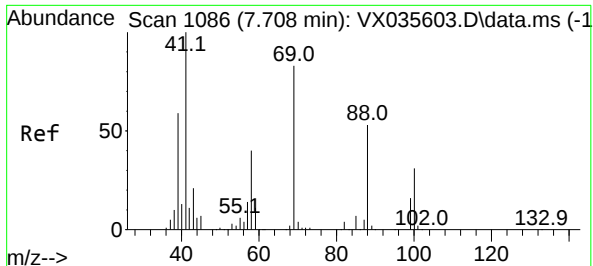
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#48
Methyl methacrylate
Concen: 20.612 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 41 Resp: 69803
Ion Ratio Lower Upper
41 100
69 73.4 62.2 93.4
39 63.5 47.7 71.5





#49

1,4-Dioxane

Concen: 359.694 ug/l

RT: 7.739 min Scan# 1086

Delta R.T. 0.031 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

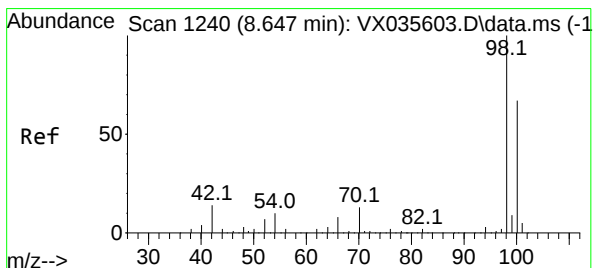
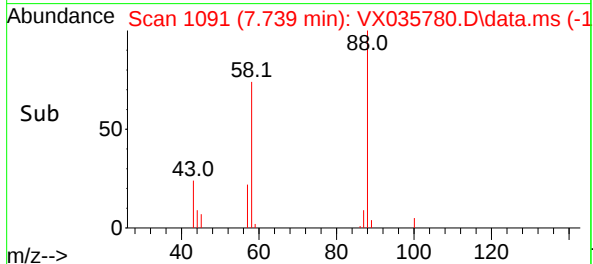
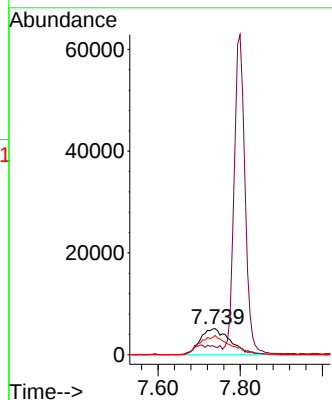
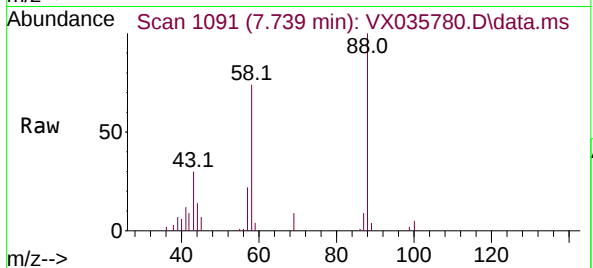
Tgt Ion: 88 Resp: 26060
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.7 41.5
 58 75.1 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#50

Toluene-d8

Concen: 50.462 ug/l

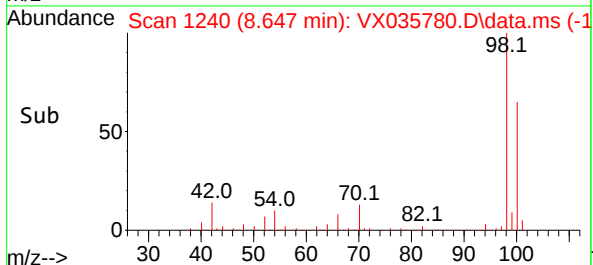
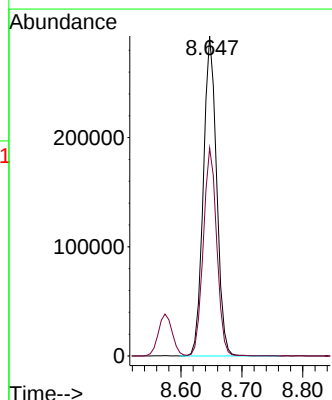
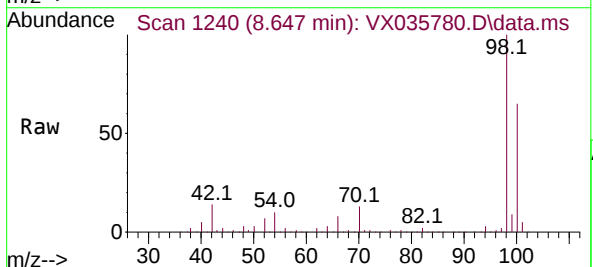
RT: 8.647 min Scan# 1240

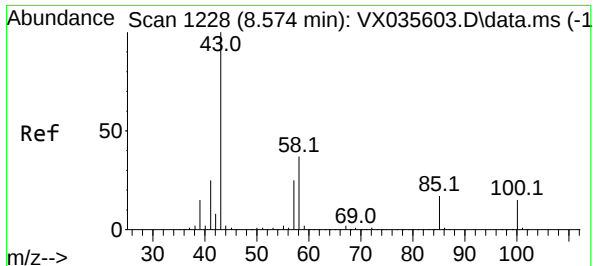
Delta R.T. -0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

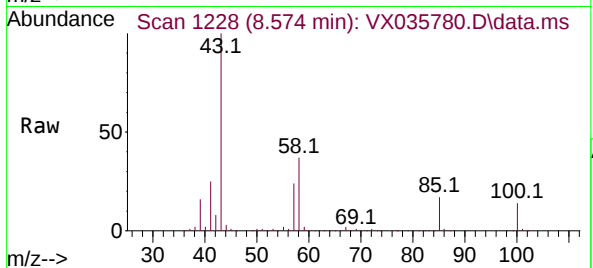
Tgt Ion: 98 Resp: 445586
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 110.529 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

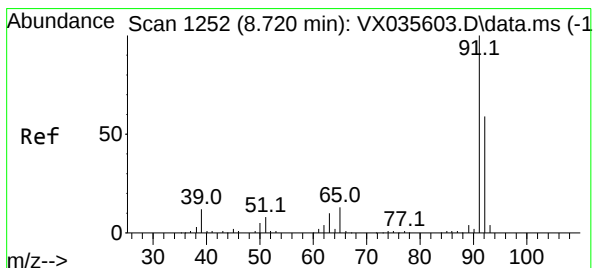
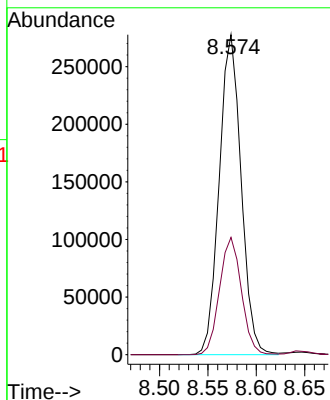
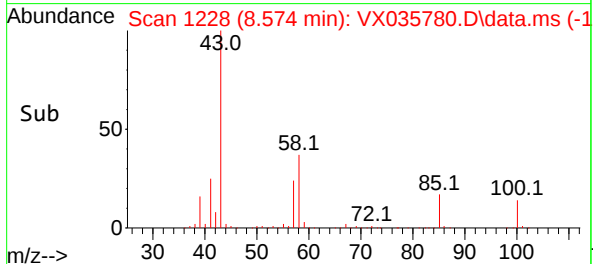
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBS01



Tgt Ion: 43 Resp: 436960
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0

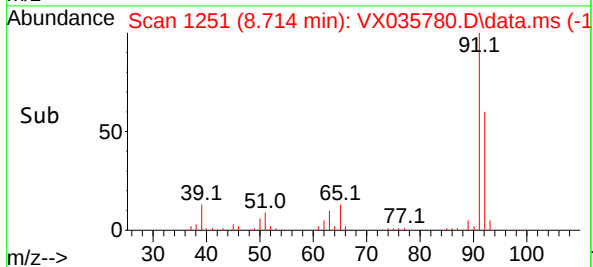
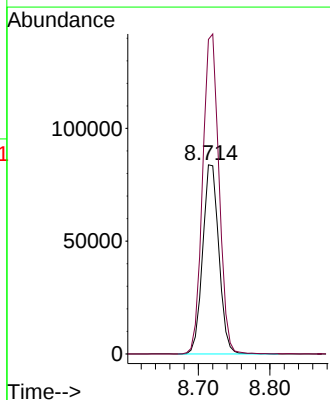
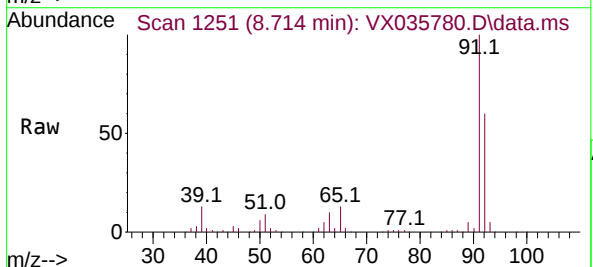
Manual Integrations
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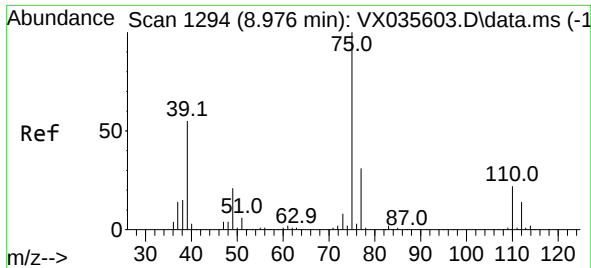
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#52
Toluene
Concen: 19.771 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 92 Resp: 131729
Ion Ratio Lower Upper
92 100
91 171.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 19.753 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 75 Resp: 79372

Ion Ratio Lower Upper

75 100

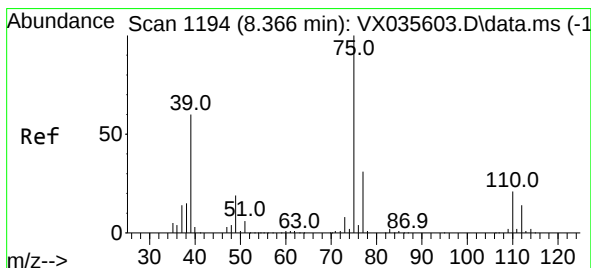
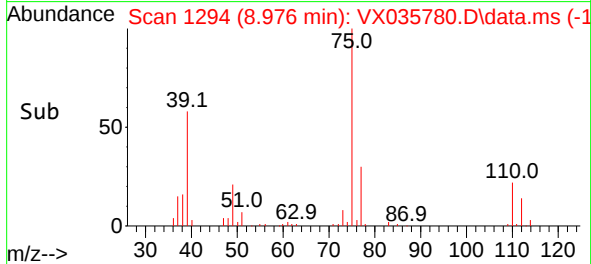
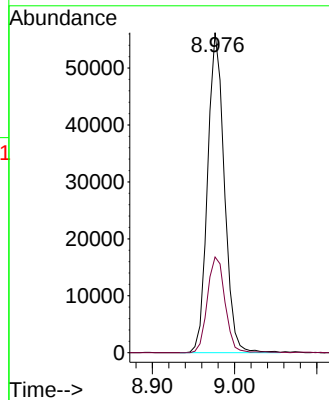
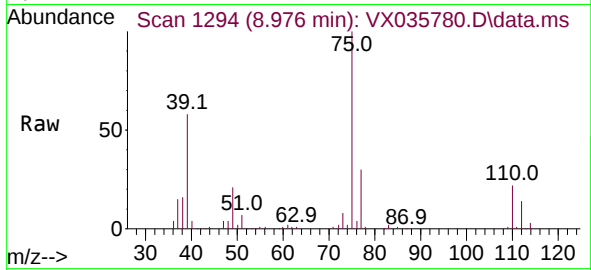
77 29.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#54

cis-1,3-Dichloropropene

Concen: 20.029 ug/l

RT: 8.367 min Scan# 1194

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

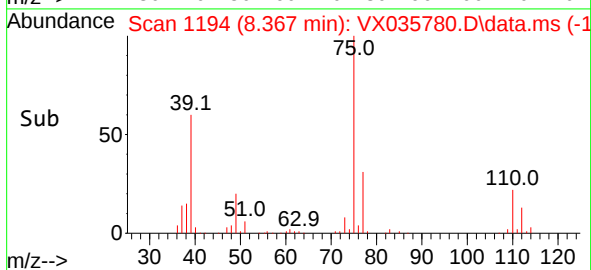
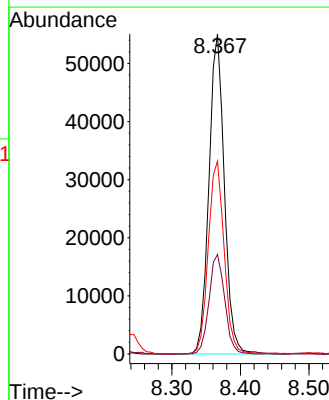
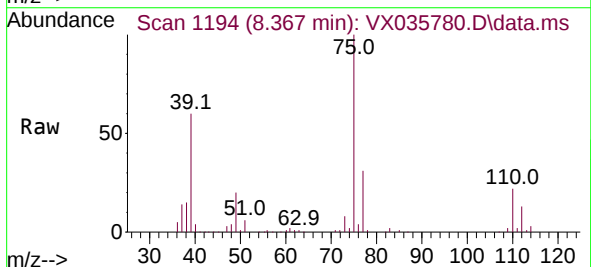
Tgt Ion: 75 Resp: 86228

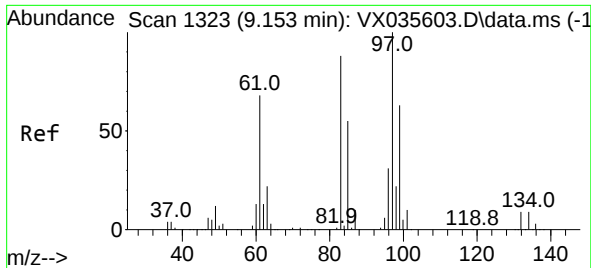
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 60.1 44.6 66.8





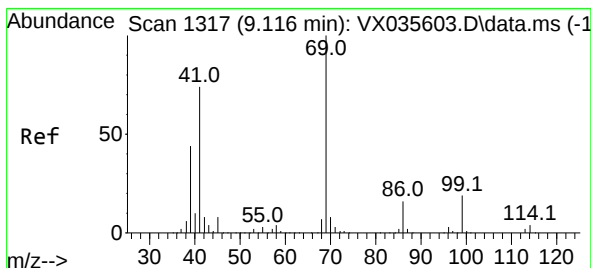
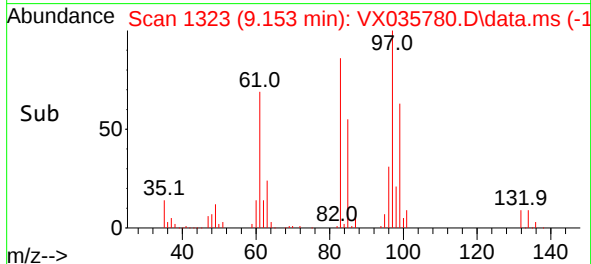
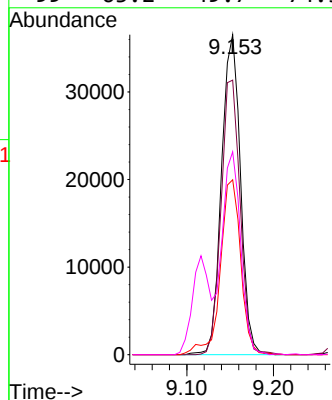
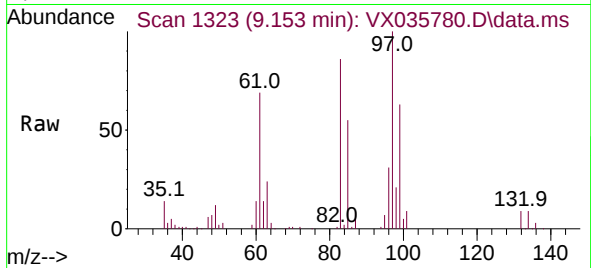
#55
1,1,2-Trichloroethane
Concen: 21.211 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument : MSVOA_X
ClientSampleId : VX0522MBSD01

Tgt Ion: 97	Resp: 5550
Ion Ratio	Lower Upper
97 100	
83 85.8	69.7 104.5
85 54.7	43.7 65.5
99 63.2	49.7 74.5

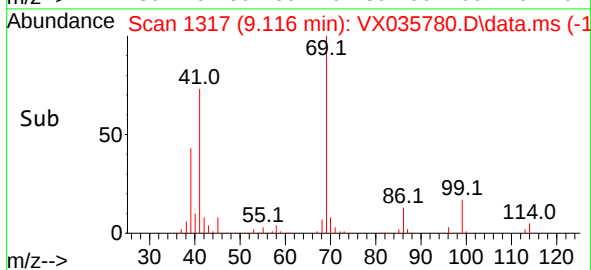
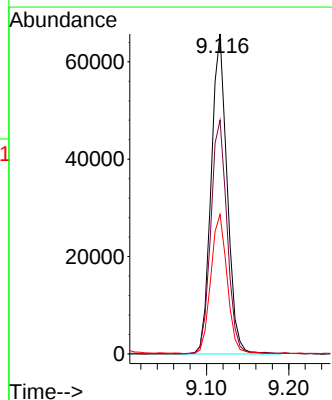
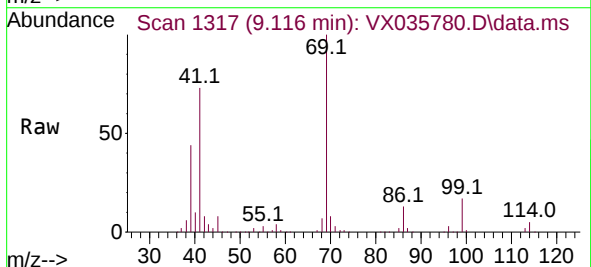
Manual Integrations
APPROVED

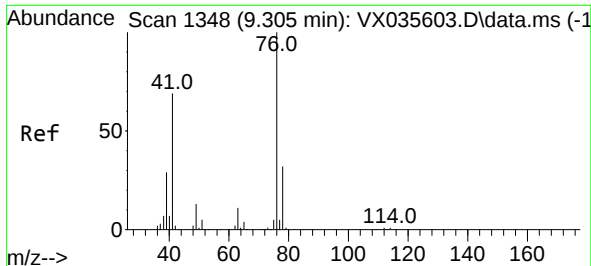
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#56
Ethyl methacrylate
Concen: 20.908 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 69	Resp: 88601
Ion Ratio	Lower Upper
69 100	
41 74.6	57.4 86.0
39 44.5	33.7 50.5





#57

1,3-Dichloropropane

Concen: 20.739 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 76 Resp: 9838

Ion Ratio Lower Upper

76 100

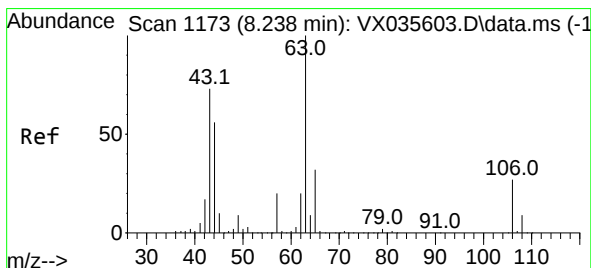
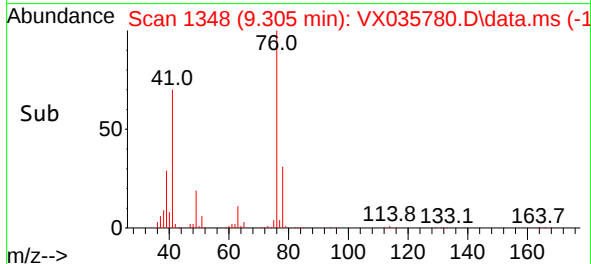
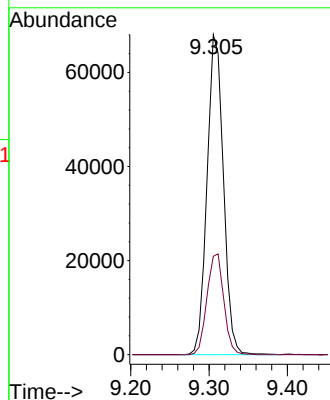
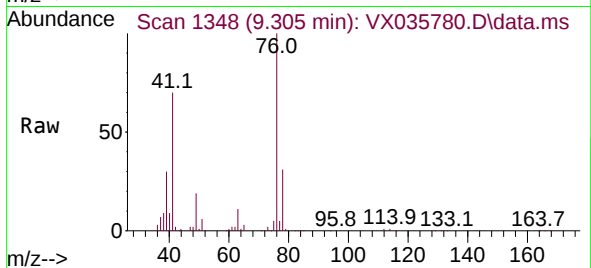
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.673 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035780.D

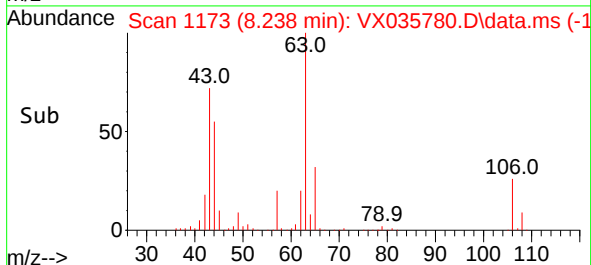
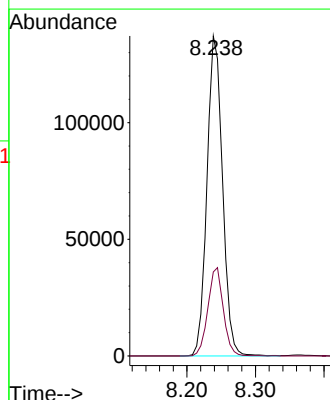
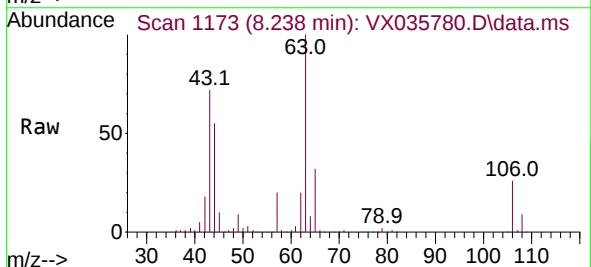
Acq: 22 May 2023 13:29

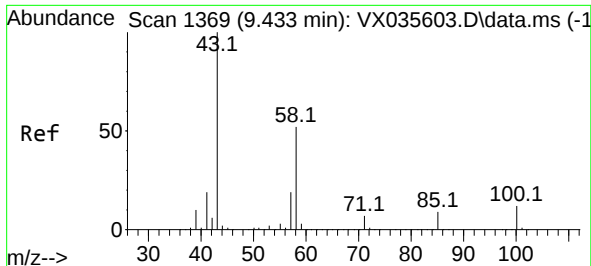
Tgt Ion: 63 Resp: 217032

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 108.544 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 43 Resp: 32316

Ion Ratio Lower Upper

43 100

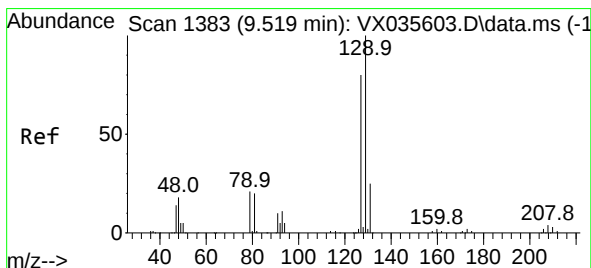
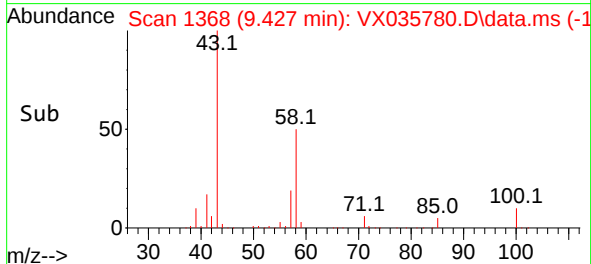
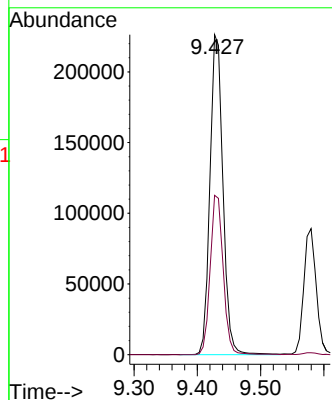
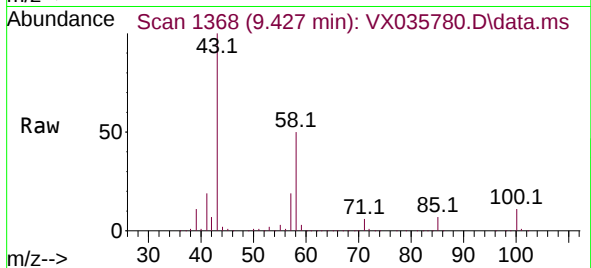
58 50.0 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#60

Dibromochloromethane

Concen: 20.161 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035780.D

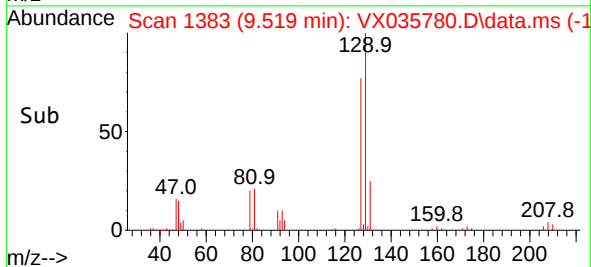
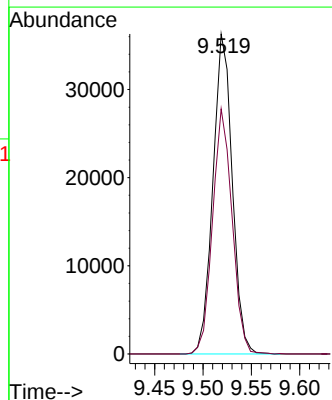
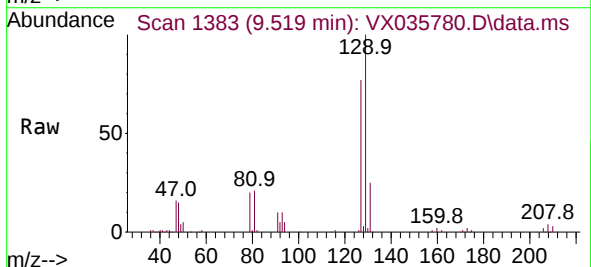
Acq: 22 May 2023 13:29

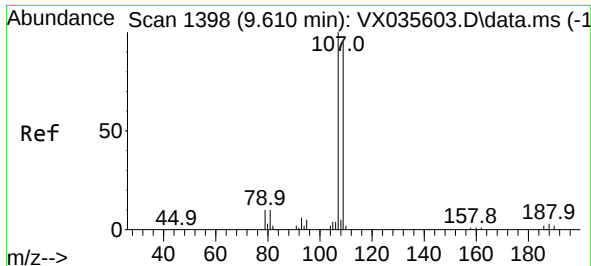
Tgt Ion:129 Resp: 50291

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0





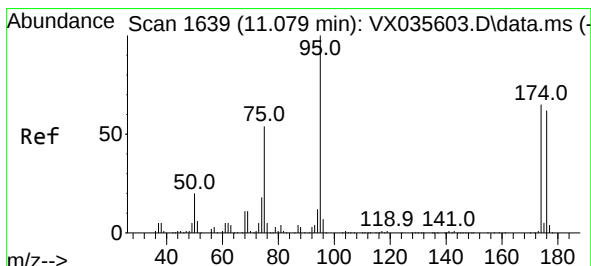
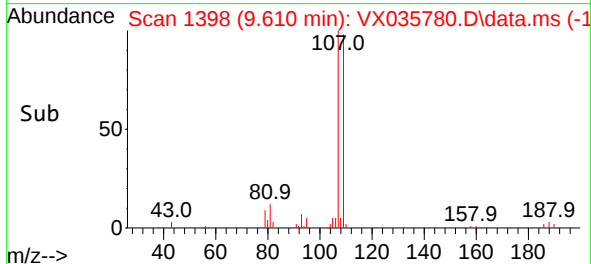
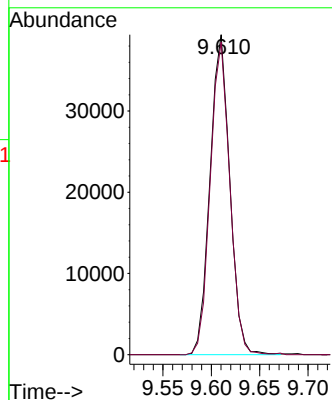
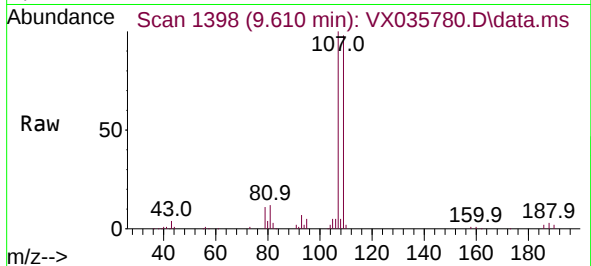
#61
1,2-Dibromoethane
Concen: 20.299 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion:107 Resp: 5596
Ion Ratio Lower Upper
107 100
109 96.4 75.3 112.9

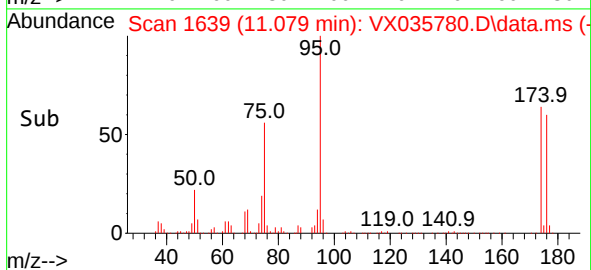
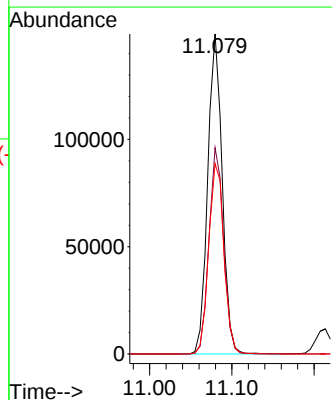
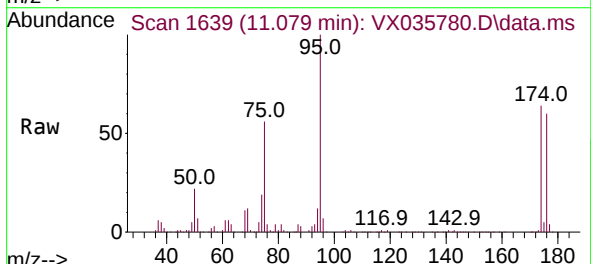
Manual Integrations
APPROVED

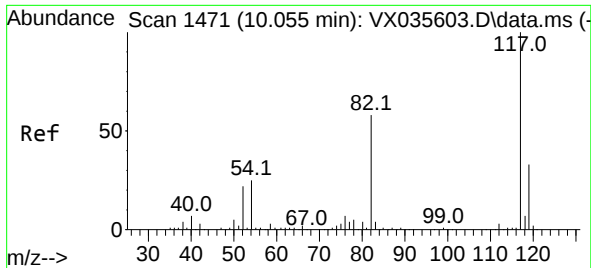
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#62
4-Bromofluorobenzene
Concen: 51.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

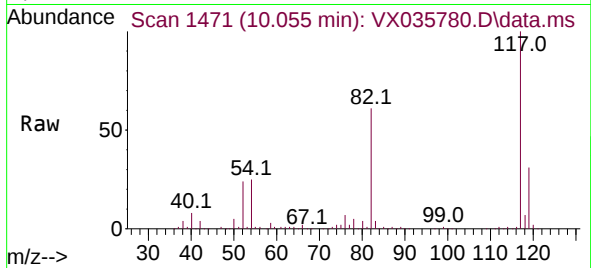
Tgt Ion: 95 Resp: 181885
Ion Ratio Lower Upper
95 100
174 65.1 0.0 147.4
176 62.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

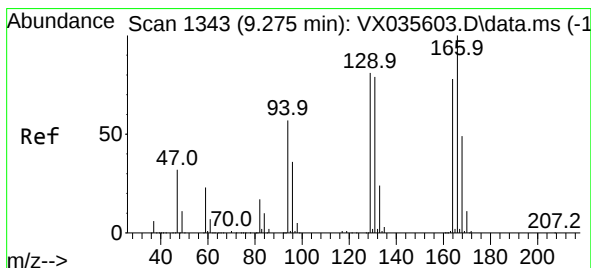
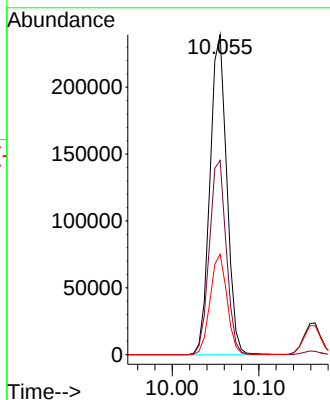
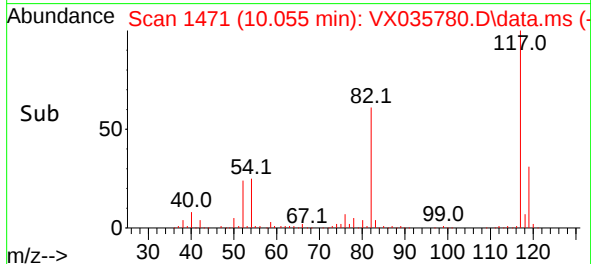
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion:117 Resp: 32229
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 31.3 26.0 39.0

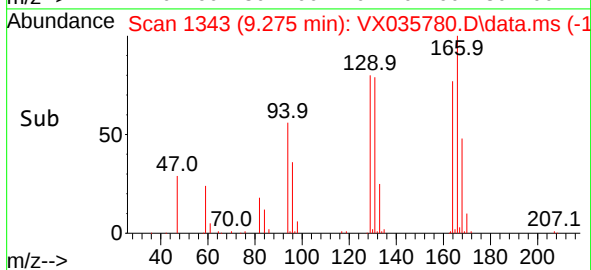
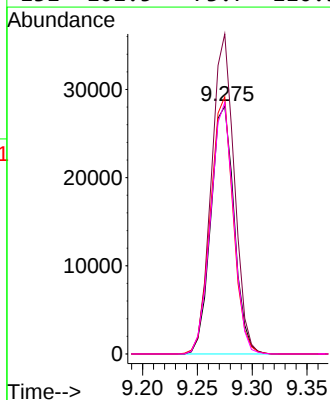
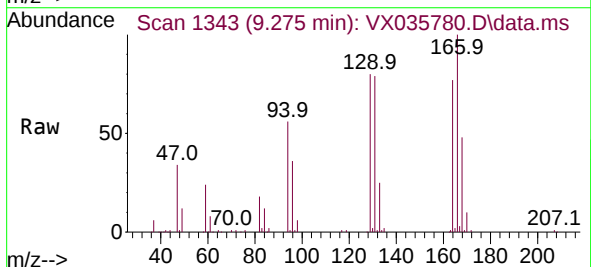
Manual Integrations
APPROVED

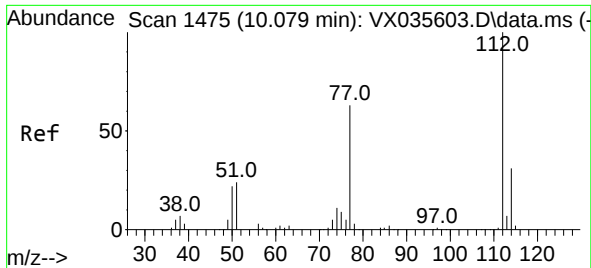
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#64
Tetrachloroethene
Concen: 19.117 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

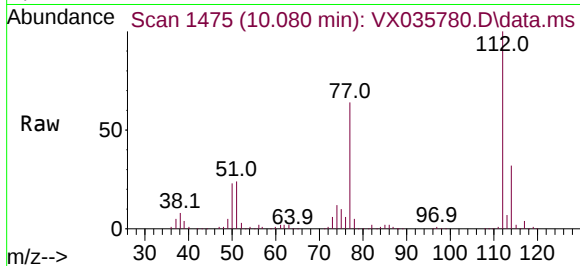
Tgt Ion:164 Resp: 41480
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 103.8 75.6 113.4
131 101.5 73.7 110.5





#65
Chlorobenzene
Concen: 19.737 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

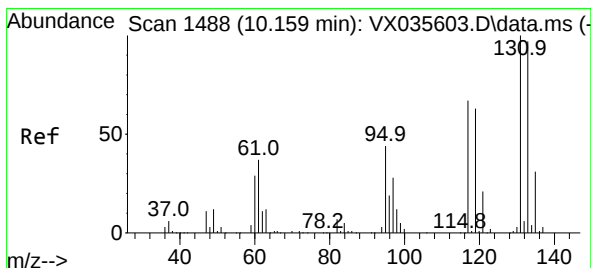
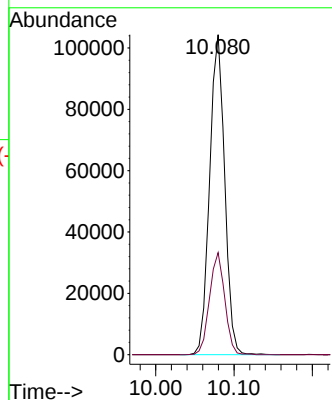
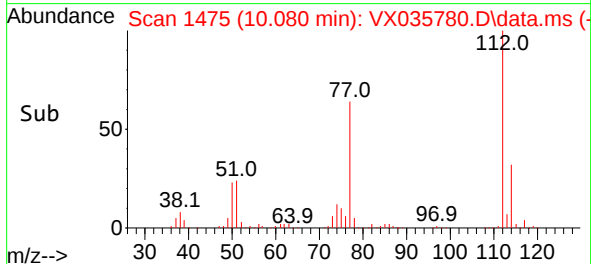
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



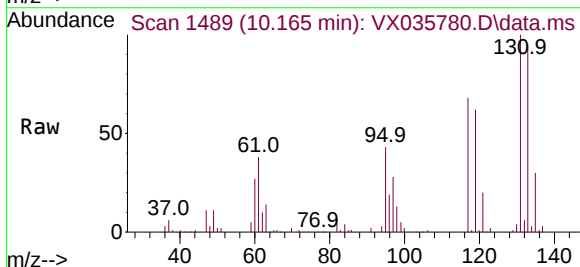
Tgt Ion:112 Resp: 13885
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

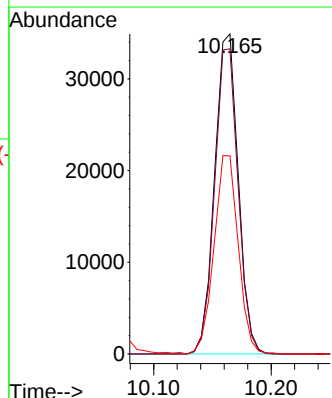
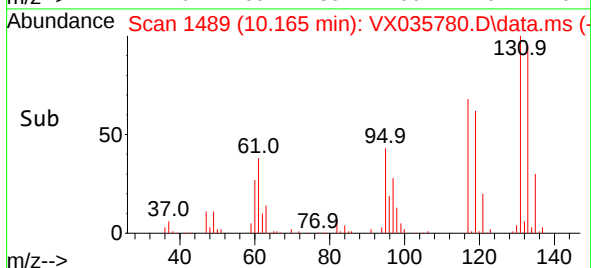
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

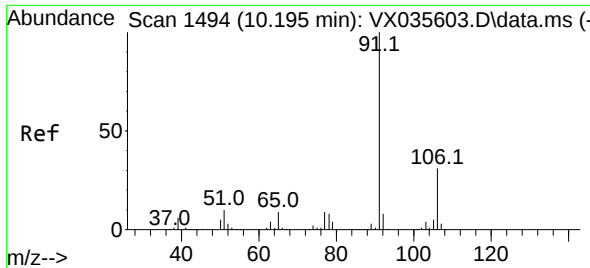


#66
1,1,1,2-Tetrachloroethane
Concen: 19.592 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



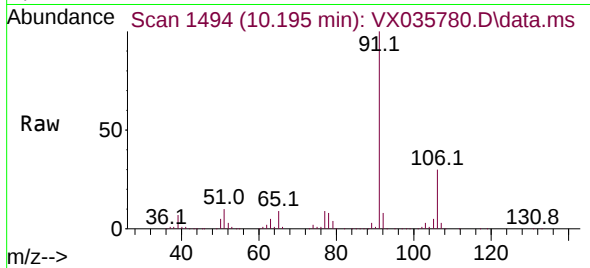
Tgt Ion:131 Resp: 48738
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 63.7 32.6 98.0





#67
Ethyl Benzene
Concen: 19.611 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

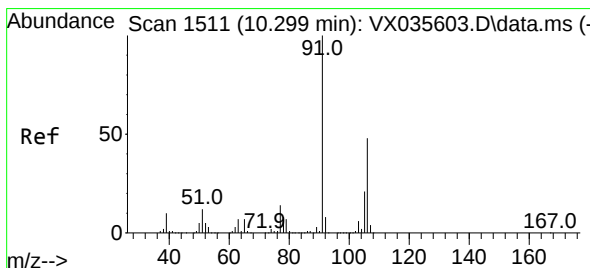
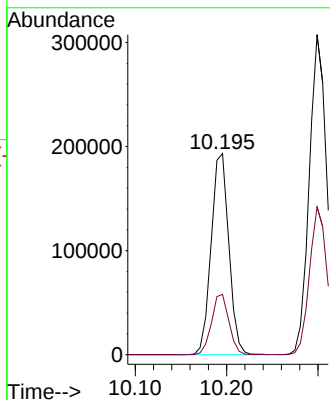
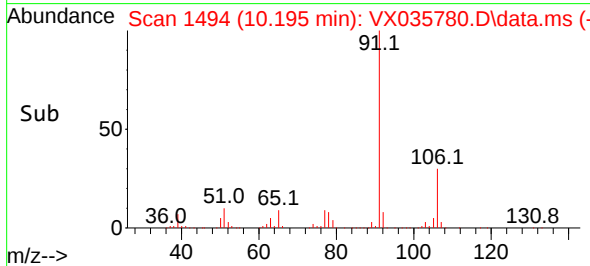
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



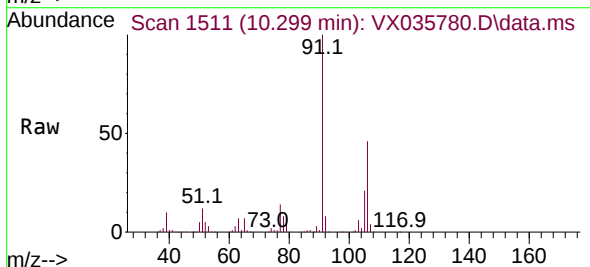
Tgt Ion: 91 Resp: 25948
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4

Manual Integrations
APPROVED

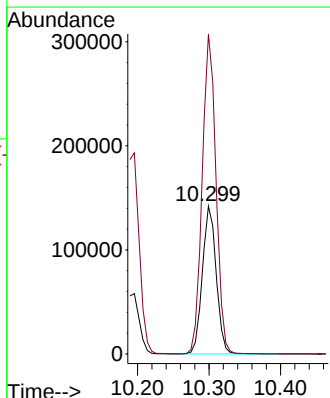
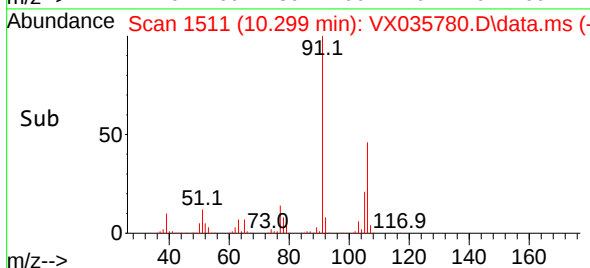
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

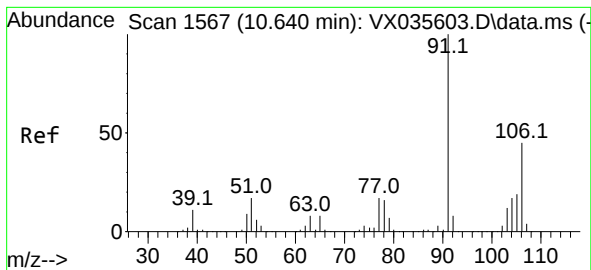


#68
m/p-Xylenes
Concen: 39.020 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



Tgt Ion:106 Resp: 190841
Ion Ratio Lower Upper
106 100
91 215.7 164.0 246.0





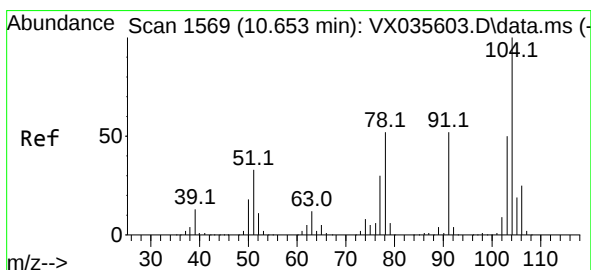
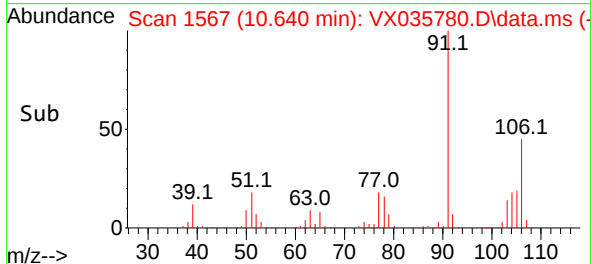
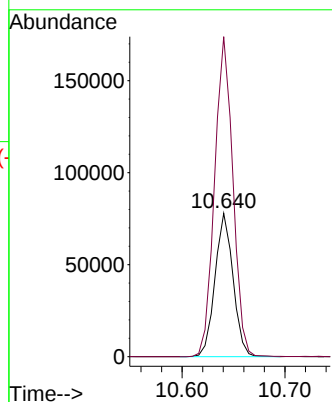
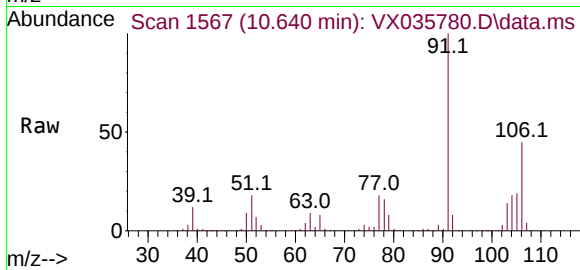
#69
o-Xylene
Concen: 19.566 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion:106 Resp: 94958
Ion Ratio Lower Upper
106 100
91 226.5 108.5 325.3

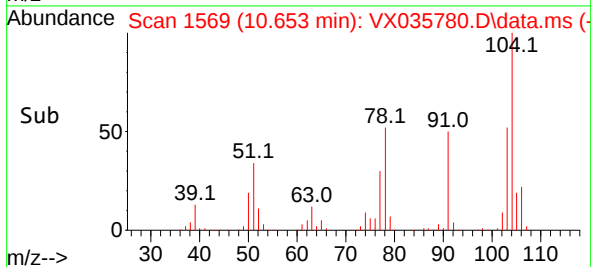
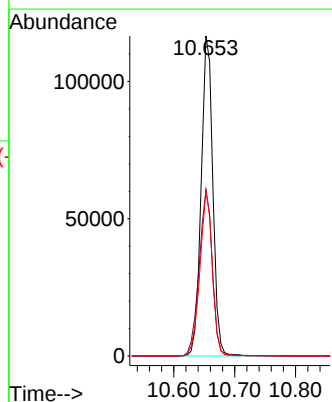
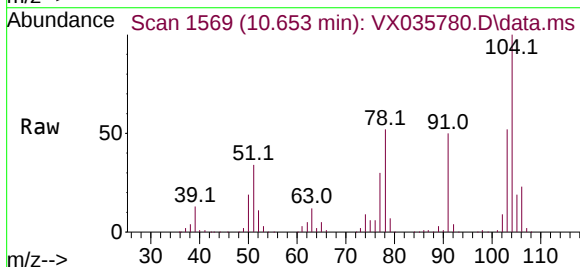
Manual Integrations
APPROVED

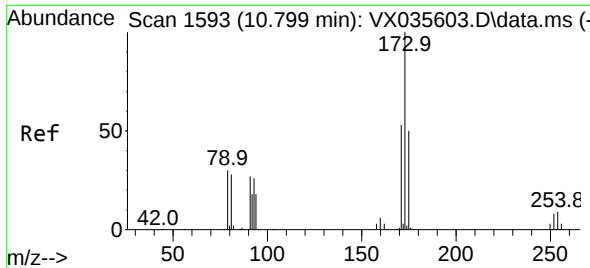
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#70
Styrene
Concen: 19.868 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

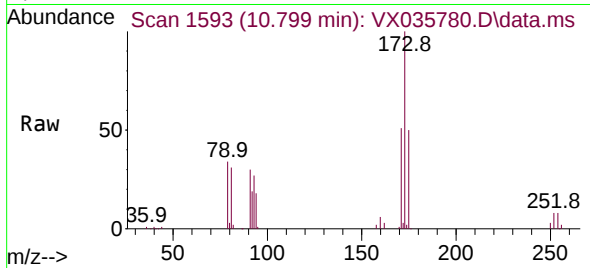
Tgt Ion:104 Resp: 155401
Ion Ratio Lower Upper
104 100
78 58.2 43.4 65.2
103 54.9 44.2 66.2





#71
Bromoform
Concen: 18.540 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

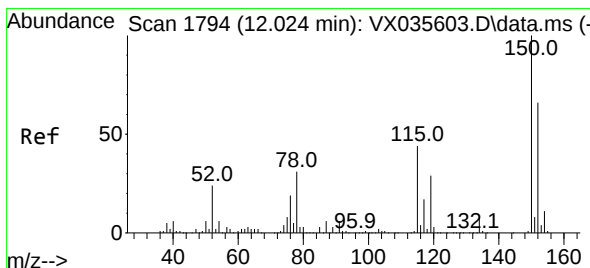
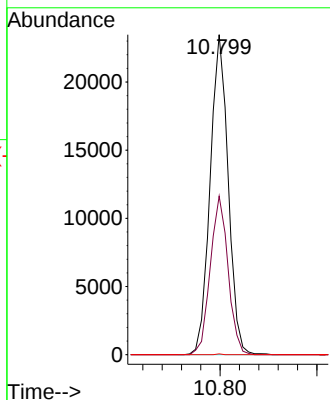
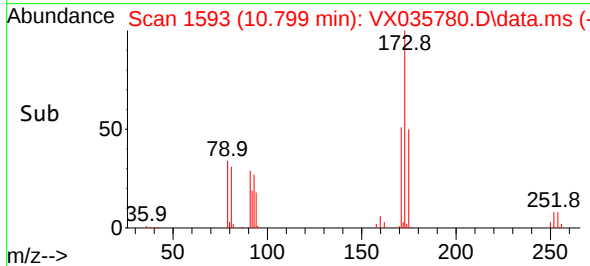
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



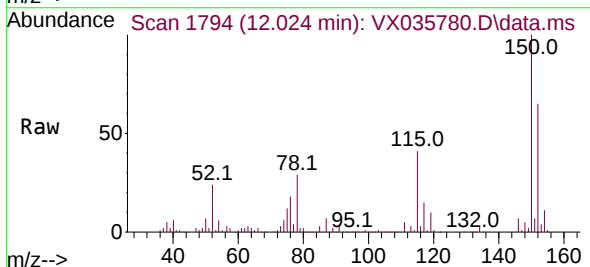
Tgt Ion:173 Resp: 3034
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

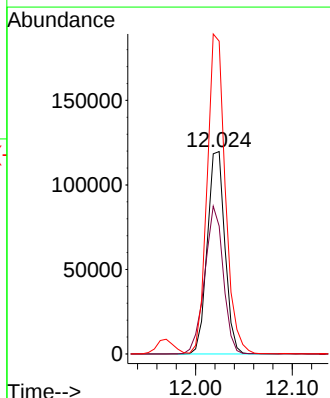
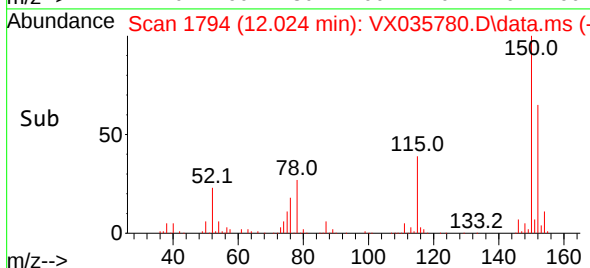
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

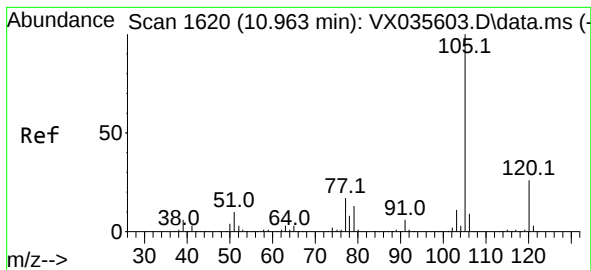


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



Tgt Ion:152 Resp: 151591
Ion Ratio Lower Upper
152 100
115 77.0 45.0 135.0
150 163.2 0.0 352.4





#73

Isopropylbenzene

Concen: 19.545 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion:105 Resp: 249664

Ion Ratio Lower Upper

105 100

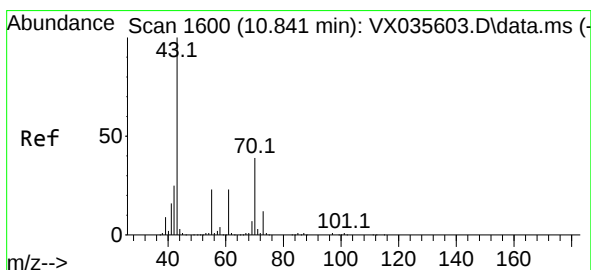
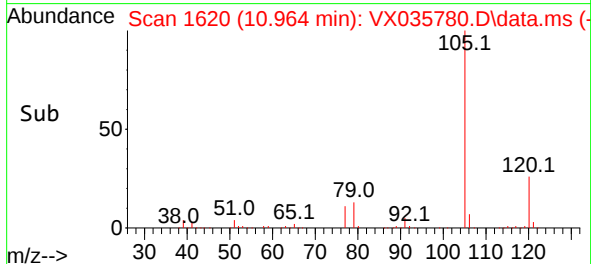
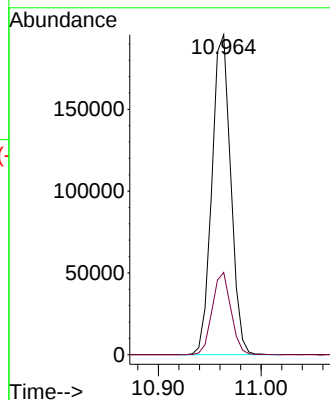
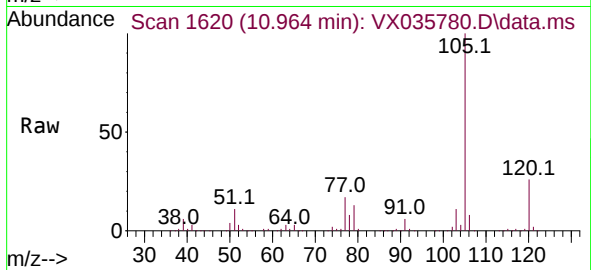
120 25.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#74

N-ethyl acetate

Concen: 19.469 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Tgt Ion: 43 Resp: 115957

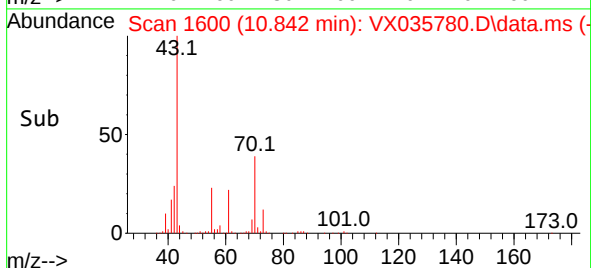
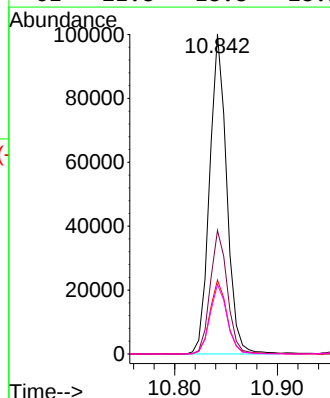
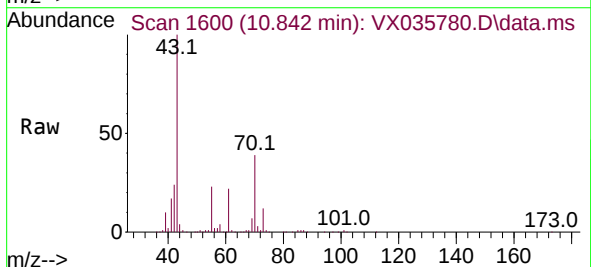
Ion Ratio Lower Upper

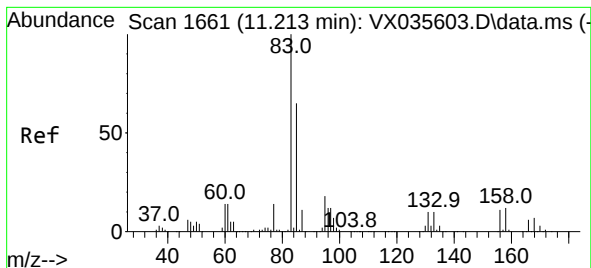
43 100

70 38.7 32.1 48.1

55 23.2 18.3 27.5

61 21.8 18.8 28.2





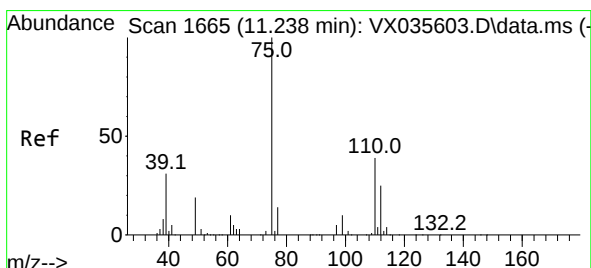
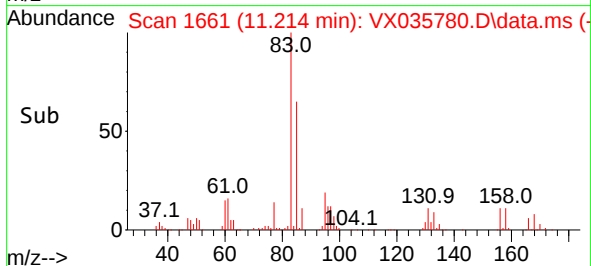
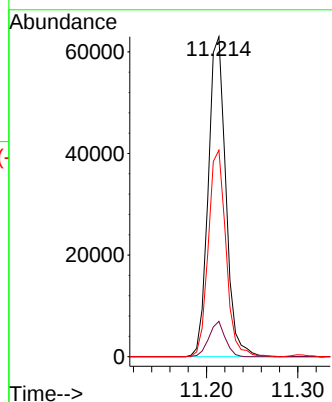
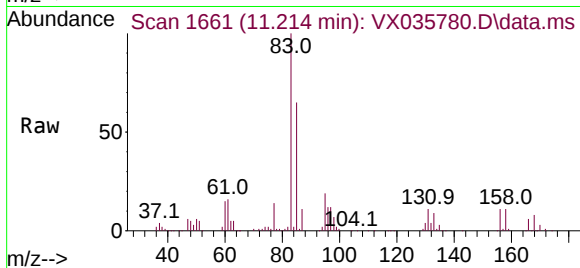
#75
1,1,2,2-Tetrachloroethane
Concen: 20.296 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 83 Resp: 84100
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.8 32.0 96.0

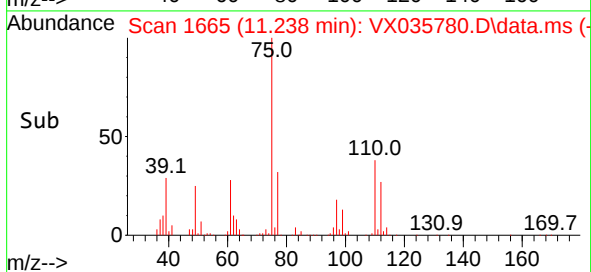
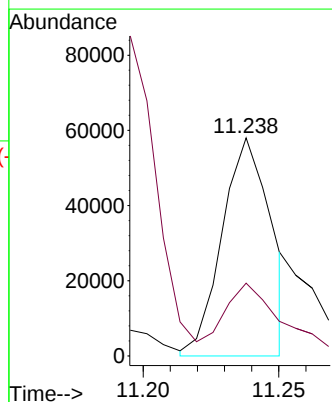
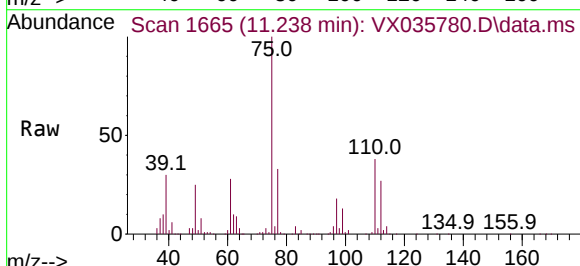
Manual Integrations
APPROVED

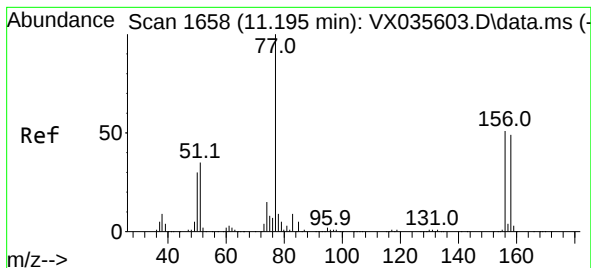
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#76
1,2,3-Trichloropropane
Concen: 19.594 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 75 Resp: 72654
Ion Ratio Lower Upper
75 100
77 40.8 21.6 64.8





#77

Bromobenzene

Concen: 19.490 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

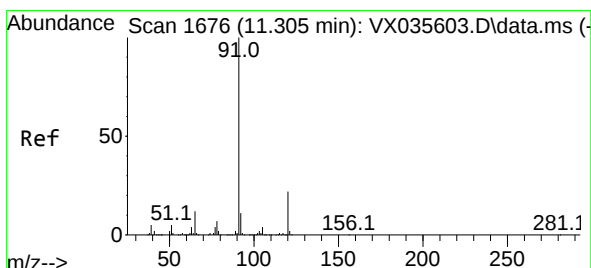
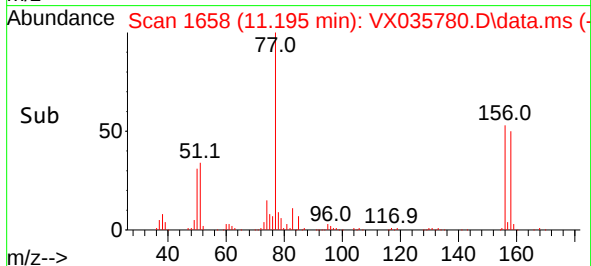
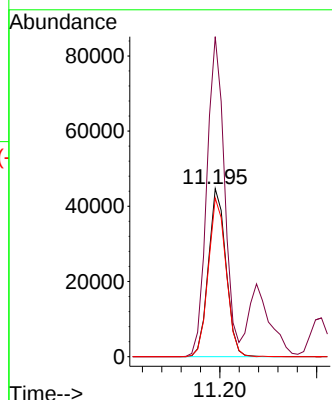
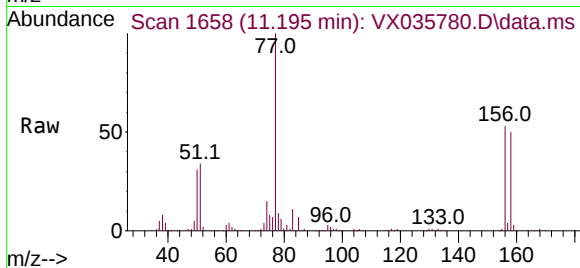
Tgt Ion:	156	Resp:	56509
Ion Ratio	Lower	Upper	
156	100		
77	191.4	86.7	259.9
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#78

n-propylbenzene

Concen: 19.702 ug/l

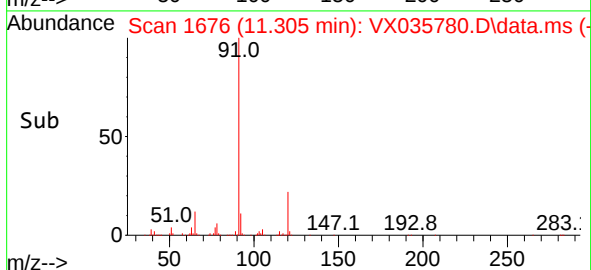
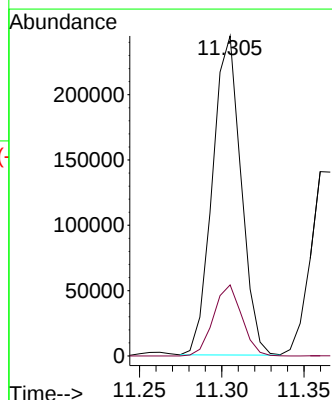
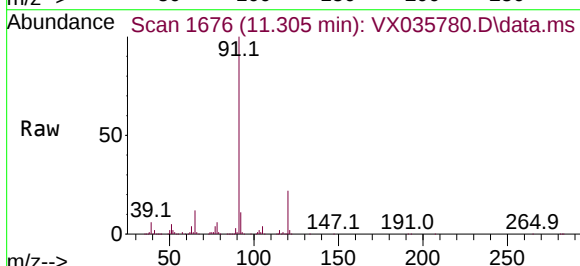
RT: 11.305 min Scan# 1676

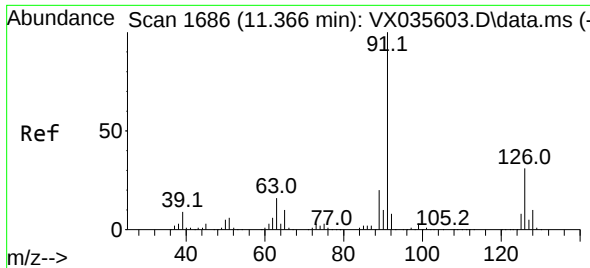
Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Tgt Ion:	91	Resp:	295839
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.5





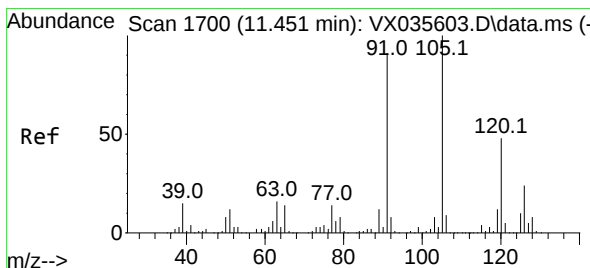
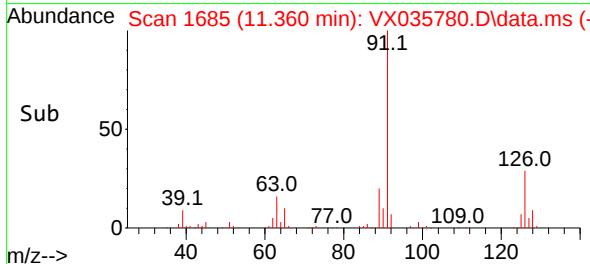
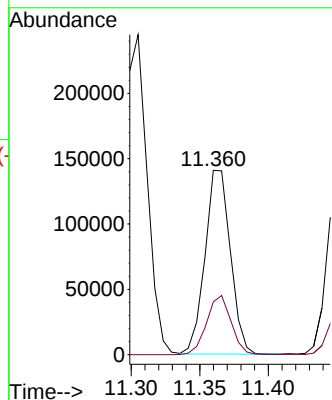
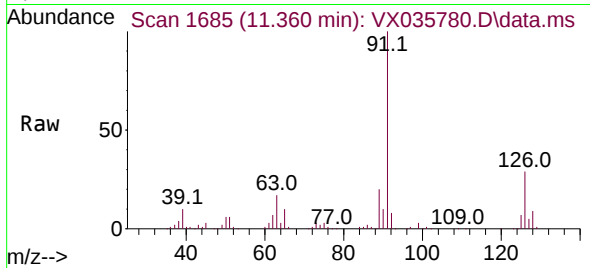
#79
2-Chlorotoluene
Concen: 19.374 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 91 Resp: 18214
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.9

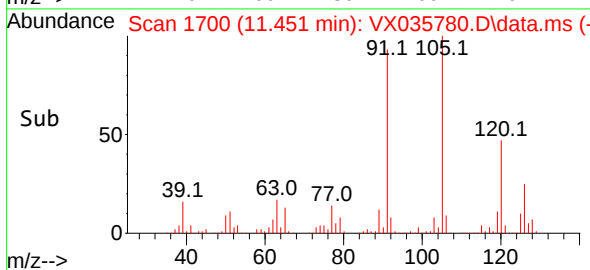
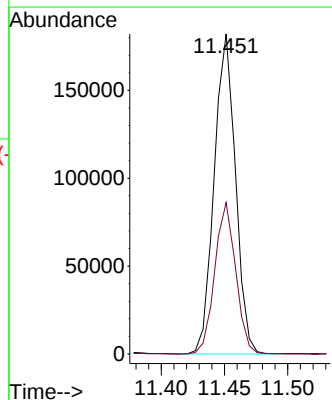
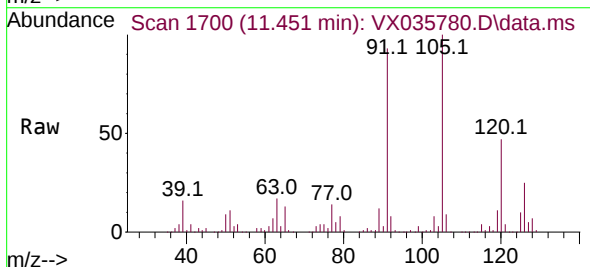
Manual Integrations
APPROVED

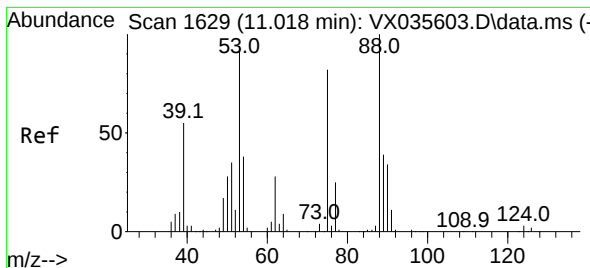
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.590 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion:105 Resp: 212688
Ion Ratio Lower Upper
105 100
120 46.6 23.7 71.1





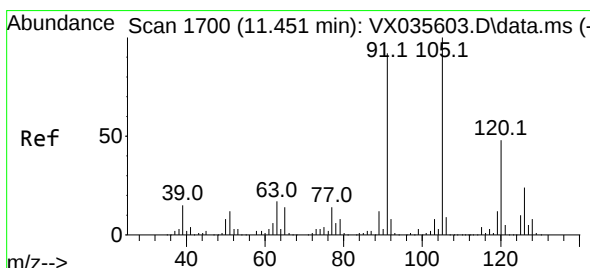
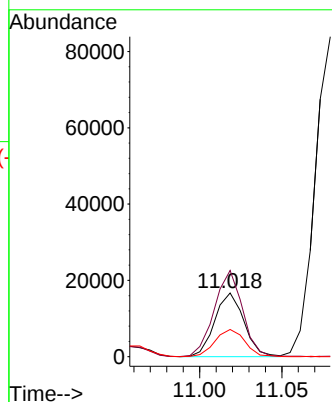
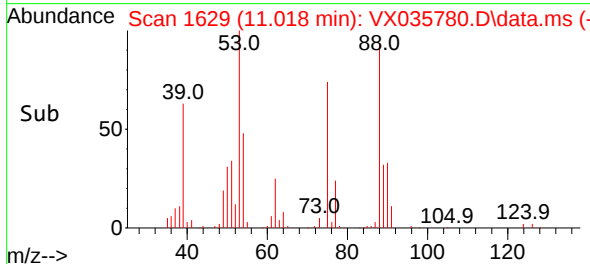
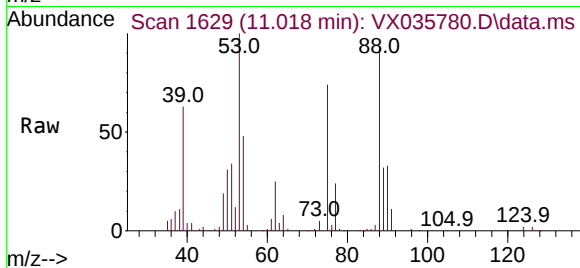
#81
trans-1,4-Dichloro-2-butene
Concen: 17.976 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01

Tgt Ion: 75 Resp: 2068
Ion Ratio Lower Upper
75 100
53 131.1 82.6 124.0
89 43.5 36.9 55.3

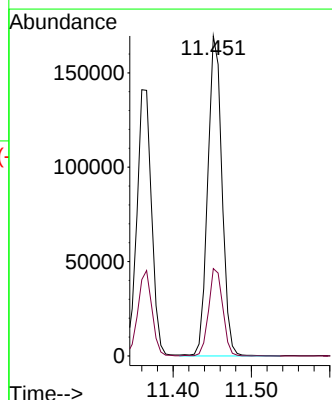
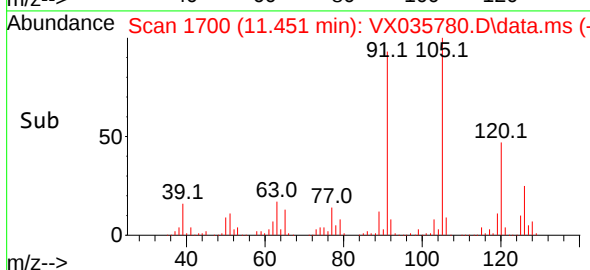
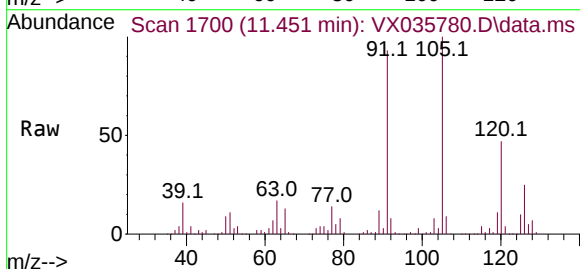
Manual Integrations
APPROVED

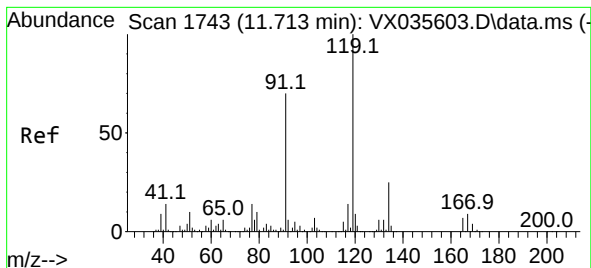
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#82
4-Chlorotoluene
Concen: 19.687 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion: 91 Resp: 213150
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.999 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035780.D

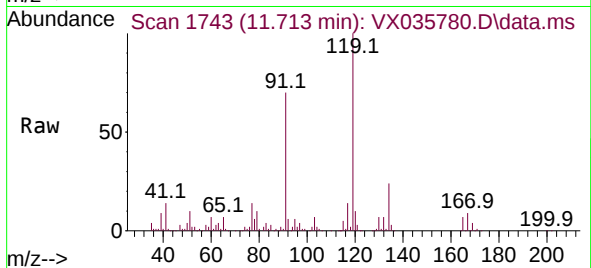
Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01



Tgt Ion:119 Resp: 200500

Ion Ratio Lower Upper

119 100

91 66.7 30.6 92.0

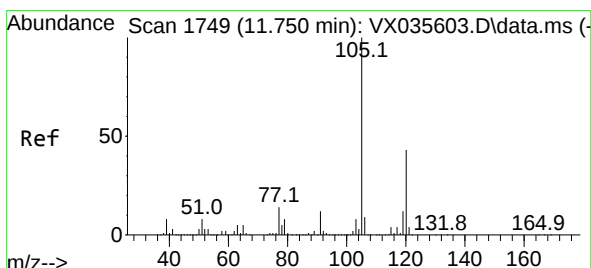
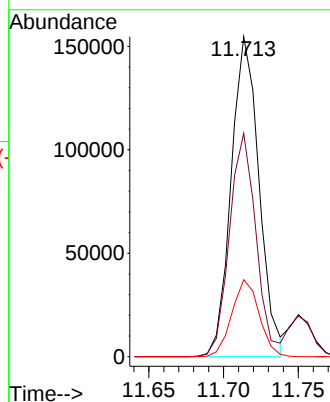
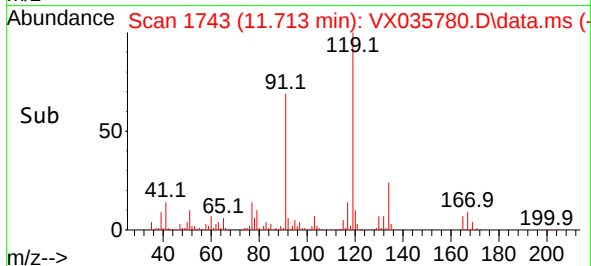
134 23.6 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.492 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035780.D

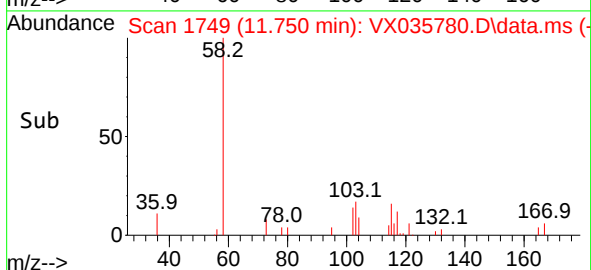
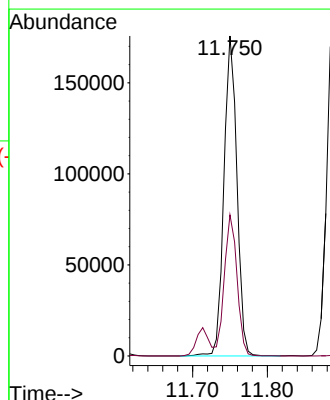
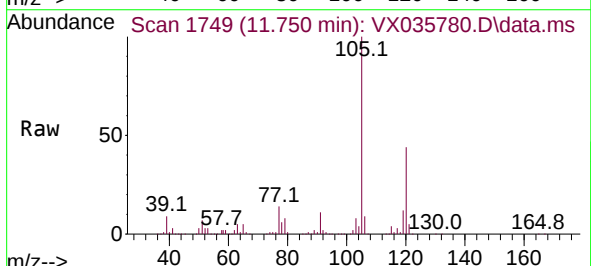
Acq: 22 May 2023 13:29

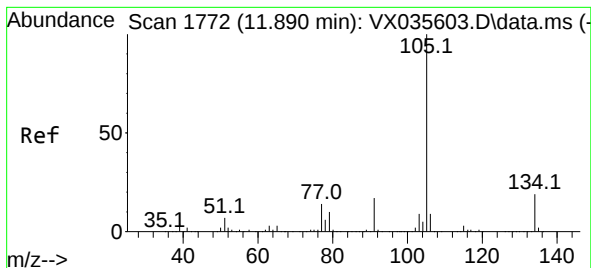
Tgt Ion:105 Resp: 212491

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 19.179 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion:105 Resp: 254128

Ion Ratio Lower Upper

105 100

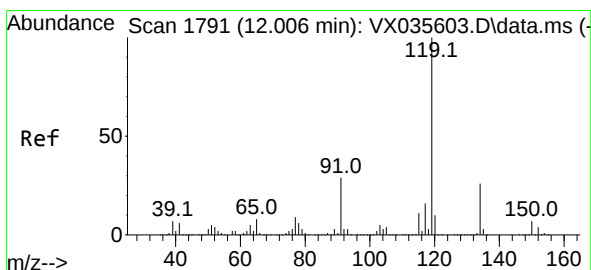
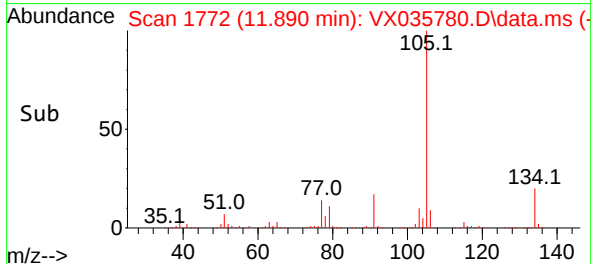
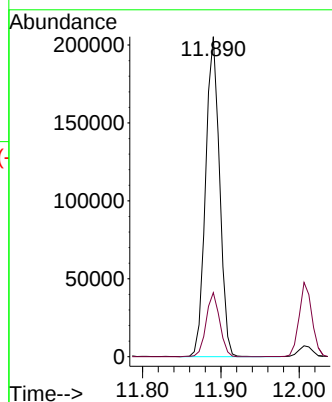
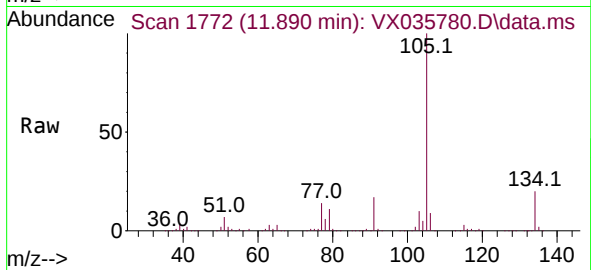
134 19.4 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#86

p-Isopropyltoluene

Concen: 19.440 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

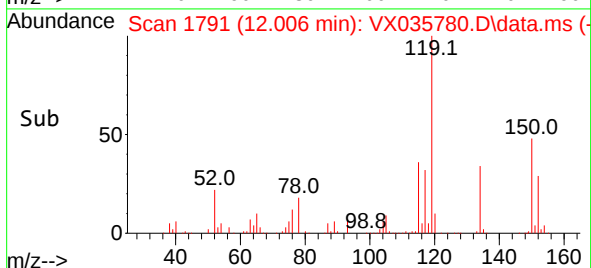
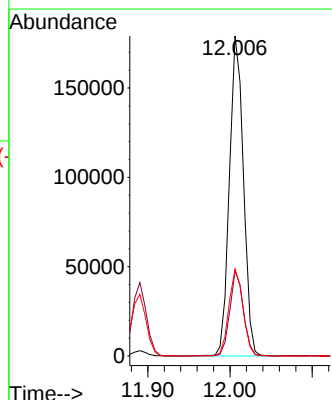
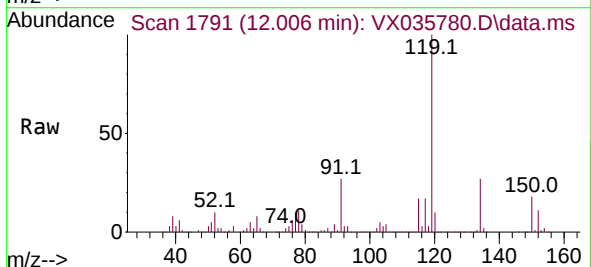
Tgt Ion:119 Resp: 211768

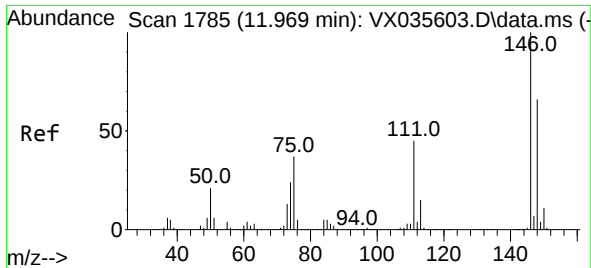
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

91 27.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 19.186 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion:146 Resp: 10567

Ion Ratio Lower Upper

146 100

111 45.2 20.9 62.8

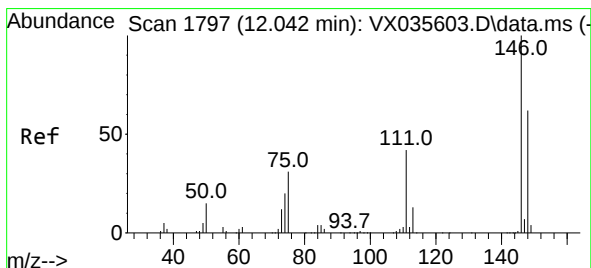
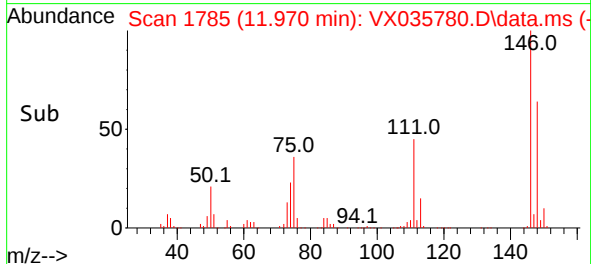
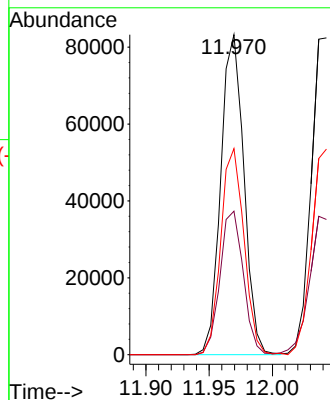
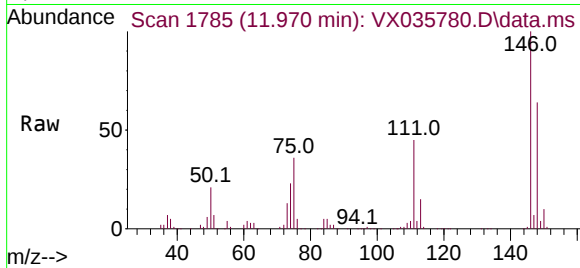
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#88

1,4-Dichlorobenzene

Concen: 19.169 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

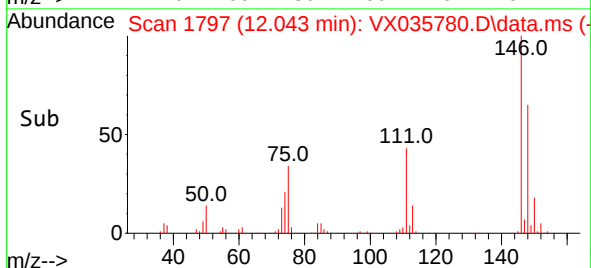
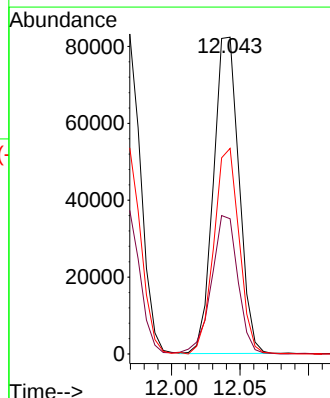
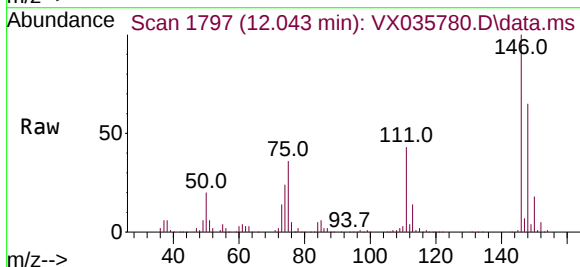
Tgt Ion:146 Resp: 106612

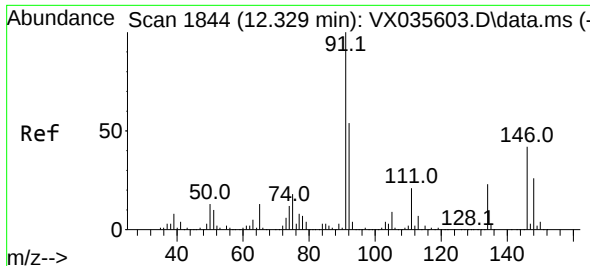
Ion Ratio Lower Upper

146 100

111 45.3 20.6 61.9

148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 19.048 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

Tgt Ion: 91 Resp: 188754

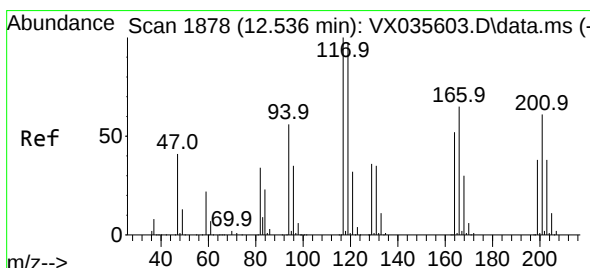
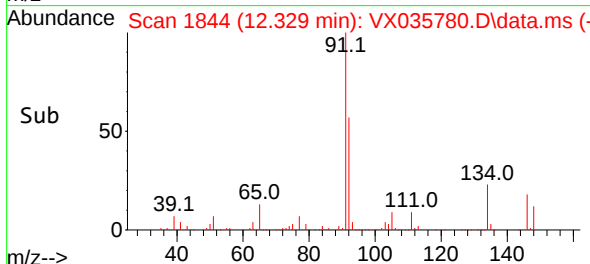
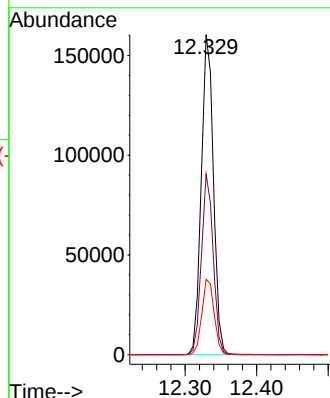
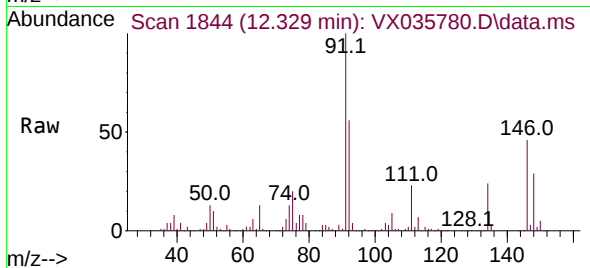
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.7	83.0
134	23.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#90

Hexachloroethane

Concen: 18.576 ug/l

RT: 12.536 min Scan# 1878

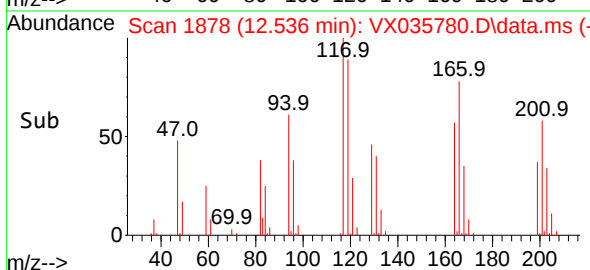
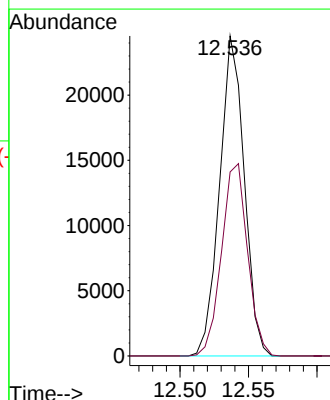
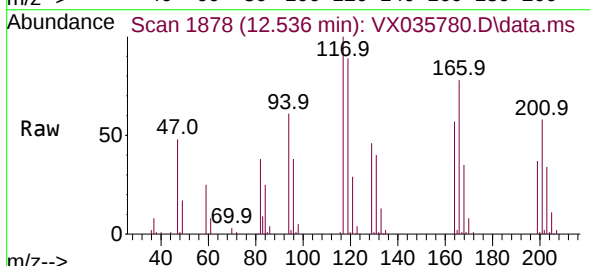
Delta R.T. 0.000 min

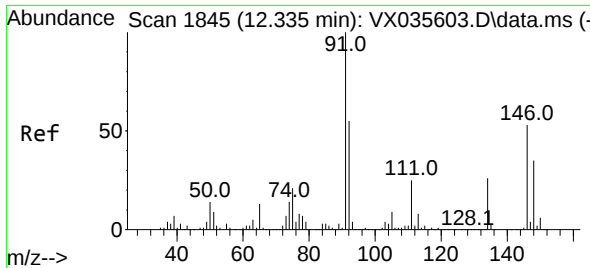
Lab File: VX035780.D

Acq: 22 May 2023 13:29

Tgt Ion:117 Resp: 30670

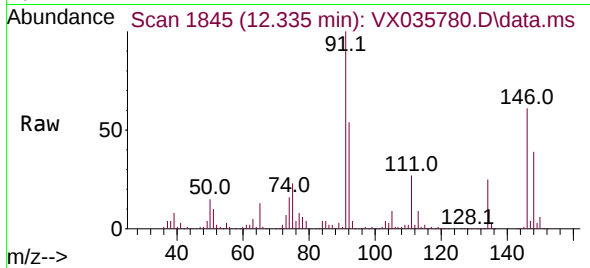
Ion	Ratio	Lower	Upper
117	100		
201	63.6	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 19.607 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

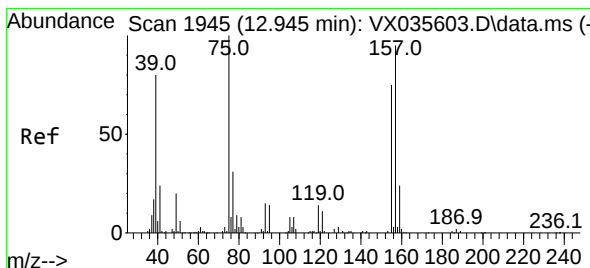
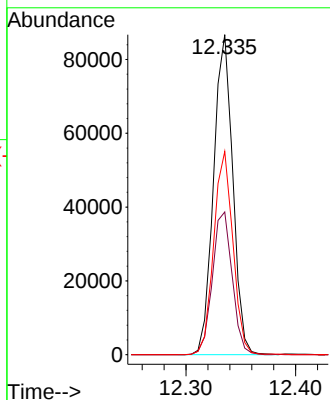
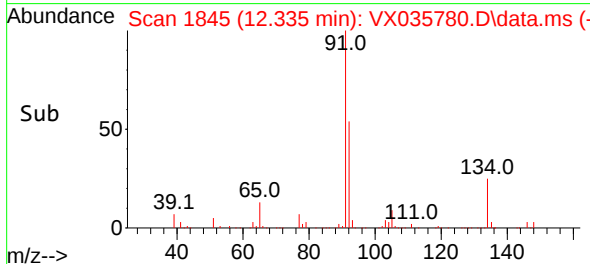
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



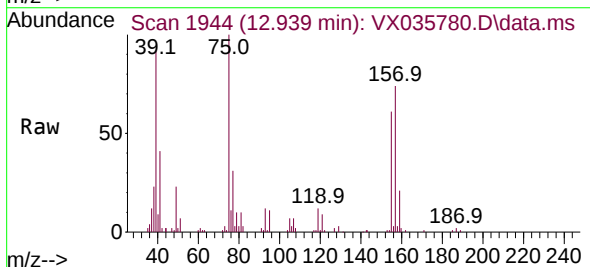
Tgt Ion:146 Resp: 10575
Ion Ratio Lower Upper
146 100
111 45.9 22.0 66.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

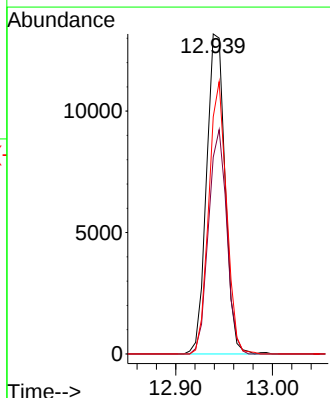
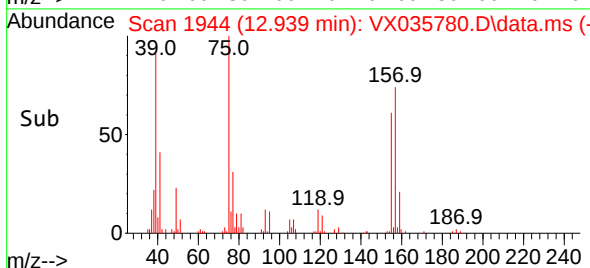
Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023

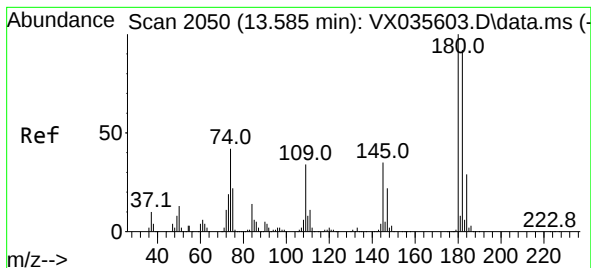


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.051 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29



Tgt Ion: 75 Resp: 17579
Ion Ratio Lower Upper
75 100
155 68.9 38.4 115.1
157 81.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.630 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

Instrument :

MSVOA_X

ClientSampleId :

VX0522MBSD01

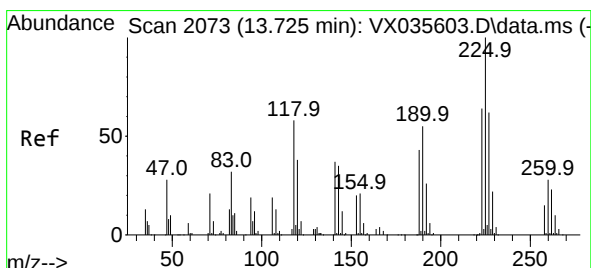
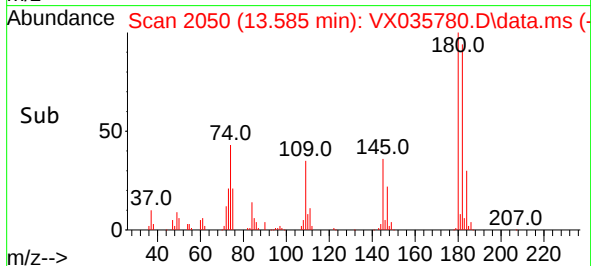
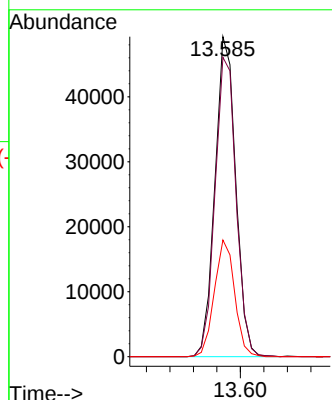
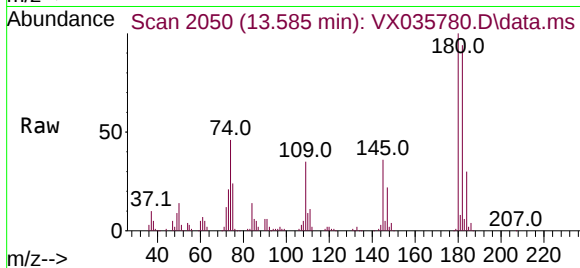
Tgt Ion:180	Resp: 6050
Ion Ratio	Lower Upper
180 100	
182 94.9	47.0 141.0
145 35.7	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2023

Supervised By :Mahesh Dadoda 05/23/2023



#94

Hexachlorobutadiene

Concen: 17.822 ug/l

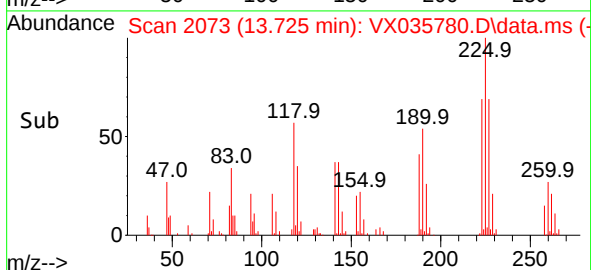
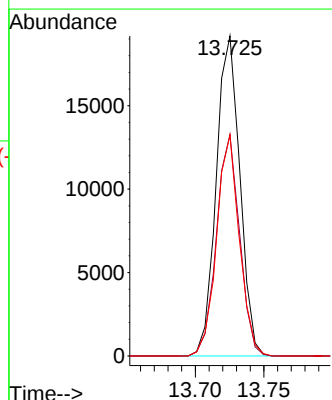
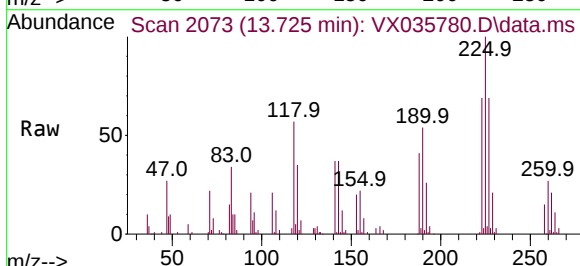
RT: 13.725 min Scan# 2073

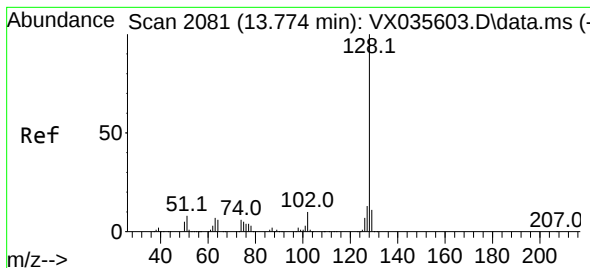
Delta R.T. 0.000 min

Lab File: VX035780.D

Acq: 22 May 2023 13:29

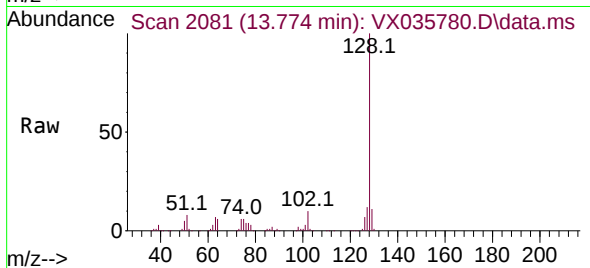
Tgt Ion:225	Resp: 22973
Ion Ratio	Lower Upper
225 100	
223 67.8	32.1 96.5
227 66.4	31.8 95.4





#95
Naphthalene
Concen: 19.529 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

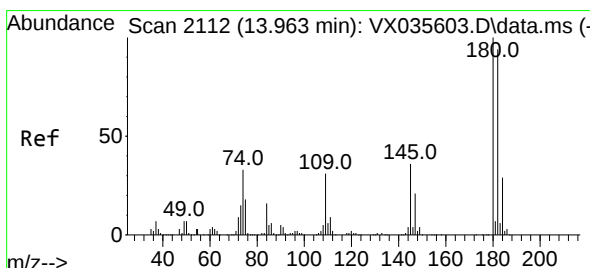
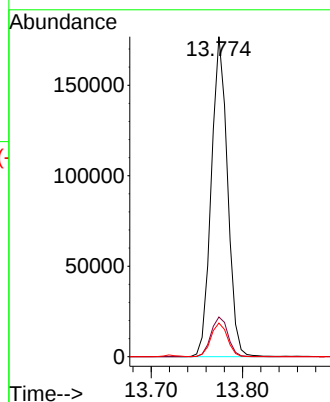
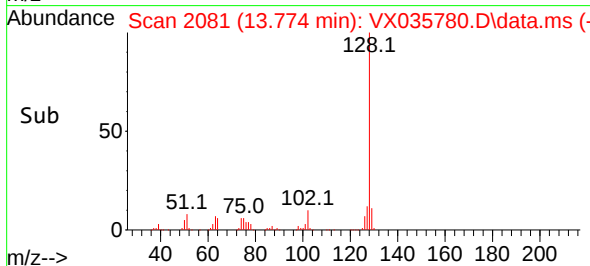
Instrument :
MSVOA_X
ClientSampleId :
VX0522MBSD01



Tgt Ion:128 Resp: 217184
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2023
Supervised By :Mahesh Dadoda 05/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.819 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035780.D
Acq: 22 May 2023 13:29

Tgt Ion:180 Resp: 60108
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 37.0 17.7 53.1

